

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 01 Littlejohn Creek			Left	2.87
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/08/2014 - 05/08/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jay Jauregui SJCFC&WCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.87	05/08/2014 05/08/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_NA0017_01_s _ 2013_3				
Action/Comments					
Inspector Comments: The LMA has the all the required O&M manuals.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_NA0017_01_s _ 2013_5				
Action/Comments					
Inspector Comments: The LMA has all the required materials at their site.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	9		
LM End	0.00	Issue Type +	Ma	Location *	WS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_NA0017_01_s _ 2013_9						
Action/Comments							
Inspector Comments: The LMA has all the required booklets from DWR, flood response plan and most of their employees are trained to be a flood fighter.							

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.87	05/08/2014 05/08/2014	Pavel Kazi

LM Start	0.39	Rating **	C	Issue No.	13
LM End	0.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.873570 °	37.873570 °
				-121.233191 °	-121.233191 °
DWR ID	DWR_NA0017_01_s _ 2013_13				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	1.07	Rating **	M	Issue No.	12
LM End	1.27	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.878425 °	37.877636 °
				-121.242593 °	-121.246147 °
DWR ID	DWR_NA0017_01_s _ 2012_12				
Action/Comments					
Pipe					

Photo 1 of 1 : pkazi_s_20140415_105.jpg



PVC Pipe was found on the waterside of the levee looking downstream.

LM Start	1.10	Rating **	M	Issue No.	1
LM End	1.10	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.878409 °	37.878409 °
				-121.243185 °	-121.243185 °
DWR ID	DWR_NA0017_01_s _ 2014_1				
Action/Comments					
Pipe					

Photo 1 of 1 : pkazi_s_20140509_955.jpg



A PVC pipe was found going through the levee alignment. The picture was taken from the crown looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.87	05/08/2014 05/08/2014	Pavel Kazi

LM Start	1.28	Rating **	C	Issue No.	11
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.877583 °	37.877583 °
				-121.246413 °	-121.246413 °
DWR ID	DWR_NA0017_01_s_2012_11				
Action/Comments					
Debris					

No Photos

LM Start	1.32	Rating **	M	Issue No.	14
LM End	1.32	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.877724 °	37.877724 °
				-121.247054 °	-121.247054 °
DWR ID	DWR_NA0017_01_s_2012_14				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_108.jpg



Prunings were found on the waterside of the levee looking upstream.

* Location
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WS : Water Side
CR : Crown

** Rating
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 02 Littlejohn Creek			Right	3.21
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/08/2014 - 05/08/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jay Jauregui SJCFC&WCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.21	05/08/2014 05/08/2014	Pavel Kazi

LM Start	0.96	Rating **	A	Issue No.	2
LM End	0.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.877185 °	37.877185 °
				-121.235168 °	-121.235168 °
DWR ID	DWR_NA0017_02_s_2014_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140509_956.jpg



View of the landside of the levee looking downstream.

LM Start	1.72	Rating **	M	Issue No.	3
LM End	1.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.879548 °	37.879548 °
				-121.247397 °	-121.247397 °
DWR ID	DWR_NA0017_02_s_2014_3				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140509_957.jpg



Farming equipment was found on the landside shoulder of the levee looking downstream.

LM Start	2.01	Rating **	M	Issue No.	1
LM End	2.01	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.882528 °	37.882528 °
				-121.250601 °	-121.250601 °
DWR ID	DWR_NA0017_02_f_2013_1				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

Photo 1 of 1 : pkazi_s_20140415_109.jpg



Crown depression was found looking downstream.

*** Location**

LS : Land Side
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CR : Crown

**** Rating**

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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.21	05/08/2014 05/08/2014	Pavel Kazi

LM Start	2.08	Rating **	M	Issue No.	5
LM End	2.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.883137 °	37.883137 °
				-121.251628 °	-121.251628 °
DWR ID	DWR_NA0017_02_f_2013_5				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140415_110.jpg



Erosion due to runoff was found on the waterside shoulder of the levee looking downstream.

LM Start	2.24	Rating **	M	Issue No.	4
LM End	2.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.884741 °	37.884741 °
				-121.253808 °	-121.253808 °
DWR ID	DWR_NA0017_02_s_2014_4				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140509_958.jpg



Erosion was found on the waterside slope of the levee looking downstream.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.21	05/08/2014 05/08/2014	Pavel Kazi

LM Start	2.66	Rating **	A/W	Issue No.	8
LM End	2.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.888853 °	37.888853 °
				-121.258640 °	-121.258640 °
DWR ID	DWR_NA0017_02_s _ 2012_8				
Action/Comments					
Pipe					
Inspector Comments: Pipe crossing the channel has corroded and can carry water to/from the channel. This pipe needs immediate attention but is likely an older encroachment and may predate the project.					

Photo 1 of 1 : pkazi_s_20140415_111.jpg



A pipe was found without a flap gate on waterside slope of the levee looking downstream. This pipe may predate the project.

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 06 SPRR Drain			Left	0.50
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/07/2014 - 05/07/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jay Jauregui SJCFC&WCD			

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 SPRR Drain	Left	0.50	05/07/2014 05/07/2014	Pavel Kazi

LM Start	0.02	Rating **	A	Issue No.	1
LM End	0.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation				°
					°
DWR ID	DWR_NA0017_06_s_2014_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140512_972.jpg



View of the waterside slope of the levee looking upstream.

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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 07 Bear Creek			Right	16.69
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/15/2014 - 04/17/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jay Jauregui SJCF&WCD			

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	0.39	Rating **	M	Issue No.	1
LM End	0.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043682 °	38.043511 °
				-121.370390 °	-121.368500 °
DWR ID	DWR_NA0017_07_s_2012_1				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_112.jpg



View of the fence along landside toe of the levee looking upstream.

LM Start	0.45	Rating **	M	Issue No.	6
LM End	1.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043574 °	38.043286 °
				-121.369287 °	-121.345148 °
DWR ID	DWR_NA0017_07_s_2014_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.66	Rating **	M	Issue No.	12
LM End	0.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.043574 °	38.043574 °
				-121.365620 °	-121.365620 °
DWR ID	DWR_NA0017_07_s_2014_12				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140418_867.jpg



View of an animal hole on the landside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	0.84	Rating **	M	Issue No.	16
LM End	3.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043499 °	38.043174 °
				-121.362365 °	-121.316045 °
DWR ID	DWR_NA0017_07_s_2014_16				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.92	Rating **	M	Issue No.	2
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.043468 °	38.043468 °
				-121.361022 °	-121.361022 °
DWR ID	DWR_NA0017_07_s_2013_2				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140415_113.jpg



Erosion was found on the landside of the levee looking upstream.

LM Start	1.17	Rating **	M	Issue No.	9
LM End	1.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.043350 °	38.043350 °
				-121.356491 °	-121.356491 °
DWR ID	DWR_NA0017_07_f_2013_9				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff damage on the landside slope.					

Photo 1 of 1 : pkazi_s_20140415_119.jpg



Runoff was discovered on the landside slope of the levee looking upstream.

*** Location**

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WS : Water Side
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**** Rating**

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M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	1.23	Rating **	C	Issue No.	10
LM End	1.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043327 °	38.043327 °
				-121.355313 °	-121.355313 °
DWR ID	DWR_NA0017_07_f_2013_10				
Action/Comments					
Stairway					

No Photos

LM Start	1.54	Rating **	C	Issue No.	3
LM End	1.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043254 °	38.043254 °
				-121.349886 °	-121.349886 °
DWR ID	DWR_NA0017_07_s_2013_3				
Action/Comments					
Debris					

No Photos

LM Start	1.90	Rating **	C	Issue No.	63
LM End	1.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043275 °	38.043275 °
				-121.343377 °	-121.343377 °
DWR ID	DWR_NA0017_07_f_2012_63				
Action/Comments					
Prunings					

No Photos

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	1.94	Rating **	M	Issue No.	11
LM End	1.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.043276 °	38.043276 °
				-121.342812 °	-121.342812 °
DWR ID	DWR_NA0017_07_f_2013_11				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside slope.					

Photo 1 of 1 : pkazi_s_20140415_121.jpg



Runoff was discovered on the landside slope of the levee looking upstream.

LM Start	1.99	Rating **	M	Issue No.	4
LM End	1.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.043316 °	38.043316 °
				-121.341816 °	-121.341816 °
DWR ID	DWR_NA0017_07_s_2013_4				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140415_115.jpg



Erosion caused by runoff was found on the landside of the levee looking downstream.

LM Start	2.03	Rating **	M	Issue No.	13
LM End	2.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.043296 °	38.043296 °
				-121.341222 °	-121.341222 °
DWR ID	DWR_NA0017_07_f_2013_13				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside slope.					

Photo 1 of 1 : pkazi_s_20140415_122.jpg



Runoff was found on the landside of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	2.08	Rating **	M	Issue No.	5
LM End	2.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.043264 °	38.043264 °
				-121.340292 °	-121.340292 °
DWR ID	DWR_NA0017_07_s_2013_5				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140415_116.jpg



Erosion was found on the landside of the levee looking upstream.

LM Start	2.27	Rating **	M	Issue No.	14
LM End	2.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.043230 °	38.043230 °
				-121.336707 °	-121.336707 °
DWR ID	DWR_NA0017_07_f_2013_14				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside slope of the levee.					

Photo 1 of 1 : pkazi_s_20140415_123.jpg



Runoff was found on the landside slope of the levee looking upstream.

LM Start	2.34	Rating **	M	Issue No.	7
LM End	2.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.043225 °	38.043225 °
				-121.335815 °	-121.335815 °
DWR ID	DWR_NA0017_07_s_2013_7				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140415_117.jpg



Erosion caused by runoff was found on the landside of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	2.44	Rating **	C	Issue No.	18
LM End	2.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043212 °	38.043212 °
				-121.333946 °	-121.333946 °
DWR ID	DWR_NA0017_07_f_2013_18				
Action/Comments					
Prunings					

No Photos

LM Start	2.44	Rating **	C	Issue No.	15
LM End	2.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043210 °	38.043210 °
				-121.333945 °	-121.333945 °
DWR ID	DWR_NA0017_07_f_2013_15				
Action/Comments					
Prunings					

No Photos

LM Start	2.57	Rating **	C	Issue No.	64
LM End	2.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043175 °	38.043175 °
				-121.331472 °	-121.331472 °
DWR ID	DWR_NA0017_07_f_2013_64				
Action/Comments					
Prunings					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	2.57	Rating **	M	Issue No.	1033
LM End	2.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043175 °	38.043177 °
				-121.331472 °	-121.330183 °
DWR ID	DWR_NA0017_07_s _ 2012_1033				
Action/Comments					
Fence					
Inspector Comments: Wood & metal fences					

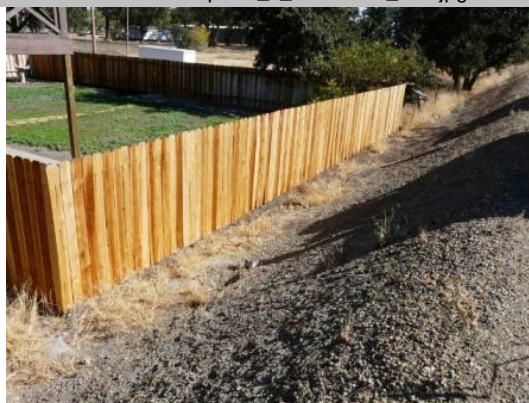
Photo 1 of 1 : pkazi_s_20140415_175.jpg



View of a wood fence adjacent to the landward toe looking upstream.

LM Start	2.66	Rating **	U	Issue No.	26
LM End	2.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043182 °	38.043179 °
				-121.329790 °	-121.329613 °
DWR ID	DWR_NA0017_07_s _ 2012_26				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_132.jpg



Newer fence built within landside toe of levee at from LM 2.66 to LM 2.67.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	2.67	Rating **	M	Issue No.	50
LM End	2.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043189 °	38.043189 °
				-121.329810 °	-121.329810 °
DWR ID	DWR_NA0017_07_s _ 2012_50				
Action/Comments					
Pool					
Inspector Comments: New pool being built without a permit. The top of the pool is outside of the assumed easement, but it is deep enough that it may need some attention.					

Photo 1 of 3 : pkazi_s_20140415_147.jpg



View of the pool on the landside toe of the levee looking upstream during fall 2013 inspection.

LM Start	2.67	Rating **	M	Issue No.	50 (cont)
LM End	2.67	Issue Type +	En	Location *	LS

Photo 2 of 3 : pkazi_s_20140415_146.jpg



View of a recently constructed pool looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	2.67	Rating **	M	Issue No.	50 (cont)
LM End	2.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043189 °	38.043189 °
				-121.329810 °	-121.329810 °
DWR ID	DWR_NA0017_07_s_2012_50				
Action/Comments					
Pool					

Photo 3 of 3 : pkazi_s_20140415_145.jpg



View of a recently constructed pool looking landward.

LM Start	2.68	Rating **	M	Issue No.	1034
LM End	3.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043160 °	38.043166 °
				-121.329618 °	-121.323143 °
DWR ID	DWR_NA0017_07_s_2012_1034				
Action/Comments					
Fence					
Inspector Comments: Metal fence					

Photo 1 of 1 : pkazi_s_20140415_176.jpg



View of a metal fence adjacent to the landward toe looking upstream.

LM Start	2.84	Rating **	M	Issue No.	8
LM End	3.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043156 °	38.043167 °
				-121.326670 °	-121.321592 °
DWR ID	DWR_NA0017_07_s_2013_8				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_118.jpg



Fences were found on the landside toe of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	2.88	Rating **	M	Issue No.	17
LM End	2.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.043154 °	38.043154 °
				-121.325942 °	-121.325942 °
DWR ID	DWR_NA0017_07_s_2014_17				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140418_868.jpg



An erosion was found on the landside slope of the levee looking upstream.

LM Start	3.16	Rating **	M	Issue No.	778
LM End	3.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043164 °	38.043160 °
				-121.320946 °	-121.317532 °
DWR ID	DWR_NA0017_07_s_2012_778				
Action/Comments					
Ditch Inspector Comments: Farmer discing the toe of the levee.					

Photo 1 of 2 : pkazi_s_20140415_168.jpg



Farmer discing the toe of the landside of the levee looking upstream.

LM Start	3.16	Rating **	M	Issue No.	778 (cont)
LM End	3.35	Issue Type +	En	Location *	LS

Photo 2 of 2 : pkazi_s_20140415_169.jpg



Updated picture of the toe cutting on the landside toe of the levee looking upstream.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	3.40	Rating **	M	Issue No.	19
LM End	4.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043177 °	38.044622 °
				-121.316681 °	-121.295720 °
DWR ID	DWR_NA0017_07_s_2014_19				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	3.49	Rating **	C	Issue No.	20
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.043170 °	38.043170 °
				-121.315209 °	-121.315209 °
DWR ID	DWR_NA0017_07_f_2013_20				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	3.51	Rating **	C	Issue No.	21
LM End	3.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.043165 °	38.043165 °
				-121.314877 °	-121.314877 °
DWR ID	DWR_NA0017_07_f_2013_21				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	3.61	Rating **	C	Issue No.	23
LM End	3.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.043139 °	38.043139 °
				-121.312882 °	-121.312882 °
DWR ID	DWR_NA0017_07_f_2013_23				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	3.78	Rating **	M	Issue No.	24
LM End	3.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.043025 °	38.043025 °
				-121.309918 °	-121.309918 °
DWR ID	DWR_NA0017_07_f_2013_24				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff was discovered.					

Photo 1 of 1 : pkazi_s_20140415_130.jpg



Erosion occurred due to runoff on the landside slope of the levee looking upstream.

LM Start	4.04	Rating **	C	Issue No.	28
LM End	4.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.042985 °	38.042985 °
				-121.305258 °	-121.305258 °
DWR ID	DWR_NA0017_07_f_2013_28				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	4.10	Rating **	M	Issue No.	70
LM End	4.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042963 °	38.042990 °
				-121.304235 °	-121.302329 °
DWR ID	DWR_NA0017_07_f_2012_70				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140415_158.jpg



A ditch was found on the landside toe of the levee looking upstream.

LM Start	4.12	Rating **	M	Issue No.	33
LM End	4.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.042974 °	38.044623 °
				-121.303860 °	-121.295721 °
DWR ID	DWR_NA0017_07_s_2014_33				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	4.65	Rating **	M	Issue No.	35
LM End	5.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.044976 °	38.052756 °
				-121.295031 °	-121.277911 °
DWR ID	DWR_NA0017_07_s_2014_35				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	4.65	Rating **	M	Issue No.	34
LM End	5.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.044976 °	38.052755 °
				-121.295032 °	-121.277911 °
DWR ID	DWR_NA0017_07_s_2014_34				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140418_869.jpg



Vegetation on the waterside of the levee looking upstream.

LM Start	4.66	Rating **	C	Issue No.	785
LM End	5.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.045023 °	38.052709 °
				-121.294989 °	-121.281584 °
DWR ID	DWR_NA0017_07_s_2012_785				
Action/Comments					
Fence					

No Photos

LM Start	4.78	Rating **	M	Issue No.	32
LM End	4.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.046497 °	38.046497 °
				-121.293814 °	-121.293814 °
DWR ID	DWR_NA0017_07_f_2013_32				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_137.jpg



A rodent hole was found on the waterside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	5.12	Rating **	M	Issue No.	36
LM End	5.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.049818 °	38.050296 °
				-121.289512 °	-121.287028 °
DWR ID	DWR_NA0017_07_s_2014_36				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140418_870.jpg



A ditch was found on the landside toe of the levee looking upstream.

LM Start	5.28	Rating **	M	Issue No.	787
LM End	5.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.050315 °	38.050315 °
				-121.287011 °	-121.287011 °
DWR ID	DWR_NA0017_07_s_2012_787				
Action/Comments					
Debris					

Photo 1 of 1 : pkazi_s_20140415_171.jpg



Abandoned culvert joint was found on the landside toe of the levee looking upstream.

LM Start	5.85	Rating **	M	Issue No.	73
LM End	5.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.052753 °	38.052753 °
				-121.277680 °	-121.277680 °
DWR ID	DWR_NA0017_07_f_2012_73				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : pkazi_s_20140415_160.jpg



Slope instability was found on the landside of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	5.89	Rating **	M	Issue No.	43
LM End	5.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.052794 °	38.052794 °
				-121.277035 °	-121.277035 °
DWR ID	DWR_NA0017_07_f_2013_43				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside.					

Photo 1 of 1 : pkazi_s_20140415_141.jpg



Runoff was found on the landside slope of the levee looking upstream.

LM Start	5.96	Rating **	M	Issue No.	37
LM End	6.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.052810 °	38.056969 °
				-121.275490 °	-121.262449 °
DWR ID	DWR_NA0017_07_s_2014_37				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	5.98	Rating **	M	Issue No.	40
LM End	5.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.052834 °	38.052834 °
				-121.275254 °	-121.275254 °
DWR ID	DWR_NA0017_07_s_2014_40				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140418_871.jpg



View of slope instability on the landside of the levee looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	6.24	Rating **	A/W	Issue No.	22
LM End	6.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053609 °	38.053609 °
				-121.270838 °	-121.270838 °
DWR ID	DWR_NA0017_07_s _ 2012_22				
Action/Comments					
Ditch Inspector Comments: Woodbridge irrigation dug 20 feet wide channel 20 feet away from the toe of the levee. For details, please see Field Investigation Report #4581. According to their calculations, the ditch is away from the levee prism.					

Photo 1 of 2 : pkazi_s_20140415_127.jpg



A 20 feet wide channel was dug on the landside of the levee looking upstream.

LM Start	6.24	Rating **	A/W	Issue No.	22 (cont)
LM End	6.24	Issue Type +	En	Location *	LS

Photo 2 of 2 : pkazi_s_20140415_128.jpg



Updated picture of the ditch near the landside toe of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	6.92	Rating **	M	Issue No.	41
LM End	6.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.058711 °	38.058711 °
				-121.262103 °	-121.262103 °
DWR ID	DWR_NA0017_07_s _ 2014_41				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and					

Photo 1 of 1 : pkazi_s_20140418_872.jpg



An animal hole was found on the landside of the levee looking downstream.

LM Start	7.21	Rating **	M	Issue No.	47
LM End	8.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.061745 °	38.067251 °
				-121.258992 °	-121.246299 °
DWR ID	DWR_NA0017_07_s _ 2014_47				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	7.48	Rating **	M	Issue No.	27
LM End	7.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.063887 °	38.063887 °
				-121.254949 °	-121.254949 °
DWR ID	DWR_NA0017_07_s _ 2014_27				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140418_873.jpg



Erosion caused by runoff on the landside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	8.82	Rating **	C	Issue No.	52
LM End	8.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.068154 °	38.068154 °
				-121.232545 °	-121.232545 °
DWR ID	DWR_NA0017_07_s _ 2013_52				
Action/Comments					
Prunings					

No Photos

LM Start	8.87	Rating **	M	Issue No.	29
LM End	8.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.068319 °	38.068319 °
				-121.231559 °	-121.231559 °
DWR ID	DWR_NA0017_07_s _ 2012_29				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140415_134.jpg



Prunings were found on the landside of the levee looking upstream.

LM Start	8.88	Rating **	M	Issue No.	30
LM End	8.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.068331 °	38.068331 °
				-121.231534 °	-121.231534 °
DWR ID	DWR_NA0017_07_s _ 2014_30				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140418_874.jpg



A rodent hole was found on the landside of the levee looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	9.06	Rating **	M	Issue No.	987
LM End	9.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.069536 °	38.069536 °
				-121.228662 °	-121.228662 °
DWR ID	DWR_NA0017_07_s _ 2012_987				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140415_174.jpg



Prunings were found on the landside of the levee looking upstream.

LM Start	9.15	Rating **	C	Issue No.	25
LM End	9.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.070104 °	38.070104 °
				-121.227281 °	-121.227281 °
DWR ID	DWR_NA0017_07_s _ 2012_25				
Action/Comments					
Debris Inspector Comments: Ash pile & debris on waterward side of levee.					

No Photos

LM Start	9.18	Rating **	M	Issue No.	31
LM End	9.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.070231 °	38.070231 °
				-121.226677 °	-121.226677 °
DWR ID	DWR_NA0017_07_s _ 2012_31				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 2 : pkazi_s_20140415_135.jpg



Burn piles on the landside of the levee. The picture was taken from the crown of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	9.18	Rating **	M	Issue No.	31 (cont)
LM End	9.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.070231 °	38.070231 °
				-121.226677 °	-121.226677 °
DWR ID	DWR_NA0017_07_s _ 2012_31				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 2 of 2 : pkazi_s_20140415_136.jpg



Updated picture of the burning piles on the landside of the levee looking upstream.

LM Start	9.39	Rating **	M	Issue No.	54
LM End	9.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.070307 °	38.070307 °
				-121.222943 °	-121.222943 °
DWR ID	DWR_NA0017_07_s _ 2014_54				
Action/Comments					
Prunings					

No Photos

LM Start	9.62	Rating **	M	Issue No.	55
LM End	9.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.070734 °	38.073276 °
				-121.219113 °	-121.215589 °
DWR ID	DWR_NA0017_07_s _ 2014_55				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	9.64	Rating **	M	Issue No.	65
LM End	9.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.071031 °	38.073276 °
				-121.218895 °	-121.215589 °
DWR ID	DWR_NA0017_07_s _ 2014_65				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	9.65	Rating **	U	Issue No.	80
LM End	9.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.070458 °	38.070458 °
				-121.218596 °	-121.218596 °
DWR ID	DWR_NA0017_07_s _ 2012_80				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Beaver den in the waterward berm visible from the opposite bank.					

Photo 1 of 1 : pkazi_s_20140415_161.jpg



View of a large hole and several smaller holes from across the channel.

LM Start	10.15	Rating **	M	Issue No.	48
LM End	10.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.074323 °	38.078813 °
				-121.211309 °	-121.205763 °
DWR ID	DWR_NA0017_07_s _ 2012_48				
Action/Comments					
Fence					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	10.19	Rating **	N	Issue No.	45
LM End	10.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.074509 °	38.074509 °
				-121.210489 °	-121.210489 °
DWR ID	DWR_NA0017_07_s _ 2012_45				
Action/Comments					
Tree stumps.					

No Photos

LM Start	10.23	Rating **	N	Issue No.	46
LM End	10.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.074613 °	38.074613 °
				-121.209882 °	-121.209882 °
DWR ID	DWR_NA0017_07_s _ 2012_46				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : pkazi_s_20140415_143.jpg



Tree stumps were found on the landside of the levee looking upstream.

LM Start	11.73	Rating **	M	Issue No.	44
LM End	11.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.086900 °	38.086900 °
				-121.189617 °	-121.189617 °
DWR ID	DWR_NA0017_07_f_2013_44				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_142.jpg



Prunings were found on the landside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	12.19	Rating **	M	Issue No.	49
LM End	13.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.091665 °	38.101502 °
				-121.184428 °	-121.177753 °
DWR ID	DWR_NA0017_07_f_2012_49				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_144.jpg



Fence was found on the landside toe of the levee looking upstream.

LM Start	12.41	Rating **	M	Issue No.	66
LM End	12.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.092331 °	38.097294 °
				-121.180900 °	-121.176515 °
DWR ID	DWR_NA0017_07_s_2014_66				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140418_875.jpg



Vegetation on the waterside of the levee looking upstream.

LM Start	12.90	Rating **	C	Issue No.	51
LM End	12.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.097033 °	38.097033 °
				-121.176561 °	-121.176561 °
DWR ID	DWR_NA0017_07_f_2013_51				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	13.06	Rating **	M	Issue No.	42
LM End	13.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.099206 °	38.099206 °
				-121.176350 °	-121.176350 °
DWR ID	DWR_NA0017_07_s _ 2012_42				
Action/Comments					
Landscaping					
Inspector Comments: Cacti on landward toe and through fence.					

Photo 1 of 1 : pkazi_s_20140415_140.jpg



Cacti were found on the toe of landside of the levee looking upstream.

LM Start	13.39	Rating **	M	Issue No.	38
LM End	13.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.103297 °	38.104991 °
				-121.177588 °	-121.177134 °
DWR ID	DWR_NA0017_07_s _ 2012_38				
Action/Comments					
Crops					

Photo 1 of 1 : pkazi_s_20140415_138.jpg



Grape vines within 10' from landside toe of levee from LM 13.39 to 13.51.

LM Start	13.55	Rating **	M	Issue No.	72
LM End	13.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.105846 °	38.105846 °
				-121.176552 °	-121.176552 °
DWR ID	DWR_NA0017_07_s _ 2012_72				
Action/Comments					
Repair slope instability. Inspector Comments: Shallow pit at the landward toe with nearby prunings.					

Photo 1 of 1 : pkazi_s_20140415_159.jpg



View of a pit along the landward levee toe looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	13.55	Rating **	M	Issue No.	56
LM End	13.55	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.105841 °	38.105841 °
				-121.176489 °	-121.176489 °
DWR ID	DWR_NA0017_07_s_2012_56				
Action/Comments					
Pole					

No Photos

LM Start	13.96	Rating **	M	Issue No.	57
LM End	13.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.110491 °	38.110491 °
				-121.172863 °	-121.172863 °
DWR ID	DWR_NA0017_07_f_2012_57				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_151.jpg



Prunings were found on the landside of the levee. The picture was taken from the crown looking towards the toe of the levee.

LM Start	13.98	Rating **	M	Issue No.	807
LM End	13.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.110753 °	38.110753 °
				-121.172829 °	-121.172829 °
DWR ID	DWR_NA0017_07_s_2012_807				
Action/Comments					
Debris					

Photo 1 of 1 : pkazi_s_20140415_172.jpg



Pruning and debris were found on the landside of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	13.99	Rating **	M	Issue No.	1053
LM End	13.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.111026 °	38.111026 °
				-121.172823 °	-121.172823 °
DWR ID	DWR_NA0017_07_s_2012_1053				
Action/Comments					
Material					

Photo 1 of 1 : pkazi_s_20140415_177.jpg



View of irrigation pipe on the landward slope.

LM Start	14.08	Rating **	M	Issue No.	39
LM End	14.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.111902 °	38.111902 °
				-121.172685 °	-121.172685 °
DWR ID	DWR_NA0017_07_s_2012_39				
Action/Comments					
Firewood					

Photo 1 of 1 : pkazi_s_20140415_139.jpg



Move firewood to outside of 10' from landside toe of levee at LM 14.08.

LM Start	14.18	Rating **	M	Issue No.	58
LM End	14.18	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.113666 °	38.113666 °
				-121.172450 °	-121.172450 °
DWR ID	DWR_NA0017_07_s_2012_58				
Action/Comments					
Pole					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	14.40	Rating **	A	Issue No.	94
LM End	14.40	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.116796 °	38.116796 °
				-121.172104 °	-121.172104 °
DWR ID	DWR_NA0017_07_f_2012_94				
Action/Comments					
Pipe					
Inspector Comments: A flap gate was installed at the end of the pipe.					

Photo 1 of 2 : pkazi_s_20140415_163.jpg



A flap gate was installed on a pipe located on the waterside slope of the levee looking upstream.

LM Start	14.40	Rating **	A	Issue No.	94 (cont)
LM End	14.40	Issue Type +	En	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_162.jpg



A pipe was found on the waterside shoulder of the levee looking upstream.

LM Start	14.77	Rating **	M	Issue No.	61
LM End	14.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.121625 °	38.121625 °
				-121.169563 °	-121.169563 °
DWR ID	DWR_NA0017_07_f_2013_61				
Action/Comments					
Stairway					

Photo 1 of 1 : pkazi_s_20140415_154.jpg



Steps were found on the waterside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	14.77	Rating **	M	Issue No.	1054
LM End	14.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.121661 °	38.121661 °
				-121.169548 °	-121.169548 °
DWR ID	DWR_NA0017_07_s _ 2012_1054				
Action/Comments					
Pipe Inspector Comments: Landowner has installed a pipe in the access road to take water from the channel for irrigation. Steps have also been dug into the side of the channel.					

Photo 1 of 1 : pkazi_s_20140415_178.jpg



View of a pipe a landowner placed in the access road and waterward slope to pump water from the channel to irrigate their garden.

LM Start	14.79	Rating **	M	Issue No.	59
LM End	14.79	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.121912 °	38.121912 °
				-121.169421 °	-121.169421 °
DWR ID	DWR_NA0017_07_s _ 2012_59				
Action/Comments					
Pipe					

Photo 1 of 1 : pkazi_s_20140415_152.jpg



A corroded pipe was found on the waterside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	14.89	Rating **	M	Issue No.	60
LM End	14.89	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.123286 °	38.123286 °
				-121.169609 °	-121.169609 °
DWR ID	DWR_NA0017_07_s_2012_60				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

Photo 1 of 1 : pkazi_s_20140415_153.jpg



Crown depression was found on the waterside shoulder of the levee looking downstream.

LM Start	14.90	Rating **	M	Issue No.	95
LM End	14.90	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.123415 °	38.123415 °
				-121.169666 °	-121.169666 °
DWR ID	DWR_NA0017_07_f_2012_95				
Action/Comments					
Prunings					

Photo 1 of 2 : pkazi_s_20140415_164.jpg



Prunings were found on the waterside of the levee looking upstream.

LM Start	14.90	Rating **	M	Issue No.	95 (cont)
LM End	14.90	Issue Type +	En	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_165.jpg



Updated picture of the prunings on the waterside shoulder of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	14.99	Rating **	U	Issue No.	67
LM End	14.99	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.124636 °	38.124636 °
				-121.169070 °	-121.169070 °
DWR ID	DWR_NA0017_07_s _ 2014_67				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140418_876.jpg



Vegetation was found on the crown looking upstream.

LM Start	15.14	Rating **	M	Issue No.	68
LM End	15.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.125426 °	38.130404 °
				-121.168296 °	-121.155595 °
DWR ID	DWR_NA0017_07_s _ 2014_68				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	15.60	Rating **	N	Issue No.	53
LM End	15.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.129236 °	38.130205 °
				-121.160163 °	-121.158466 °
DWR ID	DWR_NA0017_07_s _ 2012_53				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : pkazi_s_20140415_150.jpg



View of a stump in the landward slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	15.77	Rating **	M	Issue No.	809
LM End	15.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.130303 °	38.130303 °
				-121.157451 °	-121.157451 °
DWR ID	DWR_NA0017_07_s_2012_809				
Action/Comments					
Pipe					
Inspector Comments: Drain is located at the landside toe of the levee.					

Photo 1 of 1 : pkazi_s_20140415_173.jpg



A drain was found at the toe of landside of the levee. The picture was taken from the crown looking towards the toe.

LM Start	15.87	Rating **	M	Issue No.	62
LM End	15.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.130404 °	38.130404 °
				-121.155595 °	-121.155595 °
DWR ID	DWR_NA0017_07_f_2013_62				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_155.jpg



Animal holes were found on the landside of the levee looking downstream.

LM Start	16.07	Rating **	M	Issue No.	99
LM End	16.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.132581 °	38.132581 °
				-121.153872 °	-121.153872 °
DWR ID	DWR_NA0017_07_f_2012_99				
Action/Comments					
Pipe					

Photo 1 of 1 : pkazi_s_20140415_167.jpg



A pipe was found on the waterside slope of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	04/15/2014 04/17/2014	Pavel Kazi

LM Start	16.43	Rating **	M	Issue No.	78
LM End	16.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.137505 °	38.137505 °
				-121.152044 °	-121.152044 °
DWR ID	DWR_NA0017_07_s _ 2012_78				
Action/Comments					
Pole					
Inspector Comments: Joint pole on the landward side of the access road without a permit.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 08 Bear Creek			Left	16.47
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/21/2014 - 04/25/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCF&WCD			
	Jay Jauregui SJCF&WCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.78	Rating **	M	Issue No.	1054
LM End	0.78	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1054				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_248.jpg



View of a open fence and gate across the crown at the current start of the unit looking upstream. Limited access has been provided.

LM Start	0.78	Rating **	A/W	Issue No.	1055
LM End	0.78	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1055				
Action/Comments					
Stairway					

Photo 1 of 1 : pkazi_s_20140415_249.jpg



View of steps on the waterward slope of the levee looking upstream.

LM Start	0.78	Rating **	M	Issue No.	1056
LM End	0.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1056				
Action/Comments					
Building					
Inspector Comments: Patio with benches, table, fence, and steps.					
Utility valve boxes noted.					

Photo 1 of 1 : pkazi_s_20140415_250.jpg



View of a patio with table, benches, and irrigation on the landward side of the levee.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.79	Rating **	M	Issue No.	1057
LM End	0.79	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1057				
Action/Comments					
Building					
Inspector Comments: Dock on waterward berm.					

Photo 1 of 2 : pkazi_s_20140415_251.jpg



View of a dock off the waterward berm.

LM Start	0.79	Rating **	M	Issue No.	1057 (cont)
LM End	0.79	Issue Type +	En	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_252.jpg



View of the dock at the waterside of the levee during fall 2011 inspection. The picture was taken from the crown looking upstream.

LM Start	0.79	Rating **	M	Issue No.	1060
LM End	0.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1060				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_253.jpg



View of a fence on top of a retaining wall in the landward toe of the levee. Some landscaping and irrigation are also present.

* Location
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.80	Rating **	M	Issue No.	1061
LM End	0.80	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1061				
Action/Comments					
Building					
Inspector Comments: Dock on waterward side of berm.					

Photo 1 of 1 : pkazi_s_20140415_254.jpg



View of a dock off the waterward side of the berm.

LM Start	0.80	Rating **	A/W	Issue No.	1062
LM End	0.80	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1062				
Action/Comments					
Stairway					
Inspector Comments: Stairs and patio on waterward side and slope.					

Photo 1 of 2 : pkazi_s_20140415_255.jpg



View of stairs and patio on the waterward slope and berm looking upstream.

LM Start	0.80	Rating **	A/W	Issue No.	1062 (cont)
LM End	0.80	Issue Type +	En	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_256.jpg



Stairway on the waterside slope of the levee during fall 2011 inspection.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

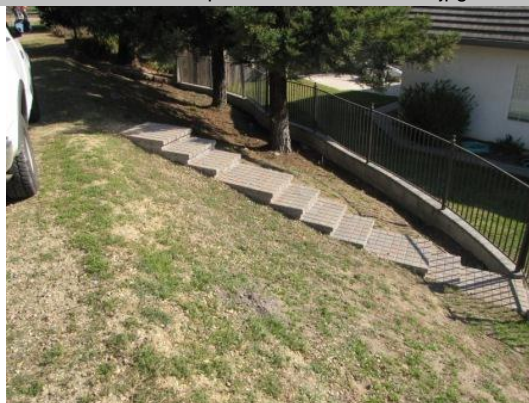
Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.80	Rating **	M	Issue No.	1075
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1075				
Action/Comments					
Stairway					

Photo 1 of 1 : pkazi_s_20140415_265.jpg



View of steps on the landward slope looking upstream.

LM Start	0.81	Rating **	A/W	Issue No.	1065
LM End	0.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1065				
Action/Comments					
Stairway					

Photo 1 of 1 : pkazi_s_20140415_259.jpg



View of steps on the landward slope.

LM Start	0.81	Rating **	A/W	Issue No.	1066
LM End	0.81	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1066				
Action/Comments					
Stairway					

Photo 1 of 1 : pkazi_s_20140415_260.jpg



View of steps on the waterward slope looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.81	Rating **	M	Issue No.	1067
LM End	0.81	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1067				
Action/Comments					
Building					
Inspector Comments: Dock on waterward side of berm.					

Photo 1 of 1 : pkazi_s_20140415_261.jpg



View of a dock on the waterward side of the berm.

LM Start	0.81	Rating **	M	Issue No.	1063
LM End	0.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1063				
Action/Comments					
Fence					
Inspector Comments: Fence on short retaining wall cut into the landward toe.					

Photo 1 of 1 : pkazi_s_20140415_257.jpg



View of a open fence on a retaining wall in the landward toe of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.81	Rating **	U	Issue No.	1064
LM End	0.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1064				
Action/Comments					
Landscaping Inspector Comments: Landscaping with irrigation (extends onto waterward side) on landward slope.					

Photo 1 of 1 : pkazi_s_20140415_258.jpg



View of landscaping obstructing visibility and access and irrigation along the landward slope looking upstream.

LM Start	0.82	Rating **	M	Issue No.	4
LM End	0.82	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043063 °	38.043063 °
				-121.369840 °	-121.369840 °
DWR ID	DWR_NA0017_08_s _ 2012_4				
Action/Comments					
Landscaping					
Inspector Comments: Irrigation system on waterward slope.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.82	Rating **	M	Issue No.	1068
LM End	0.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s_2012_1068				
Action/Comments					
Landscaping Inspector Comments: Landscaping and irrigation on landward slope. There is also a waterfeature built into the slope. Fall 2010: Only the irrigation still exists and it is black tubing on the surface of the levee.					

Photo 1 of 1 : pkazi_s_20140415_262.jpg



View of landscaping and irrigation along the landward slope looking upstream.

LM Start	0.82	Rating **	M	Issue No.	1071
LM End	0.83	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s_2012_1071				
Action/Comments					
Landscaping Inspector Comments: Landscaping and irrigation along the waterward slope. Spring 2010 Update: Landscaping removed, irrigation still exists. Fall 2010: irrigation is now black tubing on the surface of the levee.					

Photo 1 of 1 : pkazi_s_20140415_263.jpg



View of landscaping and irrigation on the waterward slope looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.82	Rating **	M	Issue No.	1072
LM End	0.82	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1072				
Action/Comments					
Building Inspector Comments: Dock on waterward side of berm.					

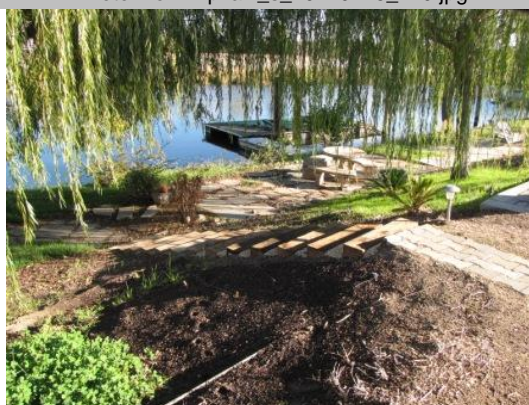
Photo 1 of 1 : pkazi_s_20140415_264.jpg



View of a dock and pathway on the waterward side of the berm.

LM Start	0.83	Rating **	A/W	Issue No.	1
LM End	0.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043110 °	38.043110 °
				-121.369538 °	-121.369538 °
DWR ID	DWR_NA0017_08_s _ 2012_1				
Action/Comments					
Stairway					
Inspector Comments: New stairs on waterward slope.					

Photo 1 of 1 : pkazi_s_20140415_179.jpg



View of recently modified steps on the waterward slope of the levee looking upstream.

LM Start	0.83	Rating **	M	Issue No.	1076
LM End	0.84	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1076				
Action/Comments					
Building					
Inspector Comments: Pavers placed on crown of levee.					

Photo 1 of 2 : pkazi_s_20140415_266.jpg



View of pavers placed on the crown of the levee looking upstream. Potted landscaping and irrigation can also be seen.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
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San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.83	Rating **	M	Issue No.	1076 (cont)
LM End	0.84	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1076				
Action/Comments					
Building					
Inspector Comments: Pavers placed on crown of levee.					

Photo 2 of 2 : pkazi_s_20140415_267.jpg



View of pavers placed on the crown looking downstream. This picture was taken during fall 2011 inspection.

LM Start	0.83	Rating **	M	Issue No.	1077
LM End	0.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1077				
Action/Comments					
Fence					
Inspector Comments: Fence with landscaping along top of a large retaining wall in landward toe.					

Photo 1 of 1 : pkazi_s_20140415_268.jpg



View of a fence on top of a large retaining wall in the landward slope looking upstream. Landscaping is growing along the fence.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.83	Rating **	M	Issue No.	1079
LM End	0.84	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s_2012_1079				
Action/Comments					
Landscaping					
Inspector Comments: Landscaping with irrigation along the waterward slope. Fall 2010: Most of the landscaping has been removed.					

Photo 1 of 2 : pkazi_s_20140415_270.jpg



View of landscaping and irrigation on the waterward slope looking upstream.

LM Start	0.83	Rating **	M	Issue No.	1079 (cont)
LM End	0.84	Issue Type +	En	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_271.jpg



View of the landscaping on the waterside of the levee looking downstream. This picture was taken during fall 2011 inspection.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.83	Rating **	M	Issue No.	1080
LM End	0.84	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1080				
Action/Comments					
Building					

Photo 1 of 1 : pkazi_s_20140415_272.jpg



View of a retaining wall and patio with furniture in the waterward toe and berm looking upstream.

LM Start	0.83	Rating **	A/W	Issue No.	1078
LM End	0.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1078				
Action/Comments					
Stairway Inspector Comments: Stairs from patio down into yard. Large dogs prevented a close view.					

Photo 1 of 1 : pkazi_s_20140415_269.jpg



View of steps on the landward slope and dogs preventing a closer inspection.

LM Start	0.84	Rating **	A/W	Issue No.	1081
LM End	0.84	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1081				
Action/Comments					
Stairway Inspector Comments: Stairs on waterward slope.					

Photo 1 of 1 : pkazi_s_20140415_273.jpg



View of steps on the waterward slope of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.84	Rating **	M	Issue No.	1082
LM End	0.84	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1082				
Action/Comments					
Building					
Inspector Comments: Dock on waterward side of berm.					

Photo 1 of 1 : pkazi_s_20140415_274.jpg



View of a dock on the waterward side of the berm.

LM Start	0.84	Rating **	M	Issue No.	1083
LM End	0.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1083				
Action/Comments					
Building					
Inspector Comments: Retaining wall into the landward toe. Some irrigation is still present but landscaping on the slope is not there.					

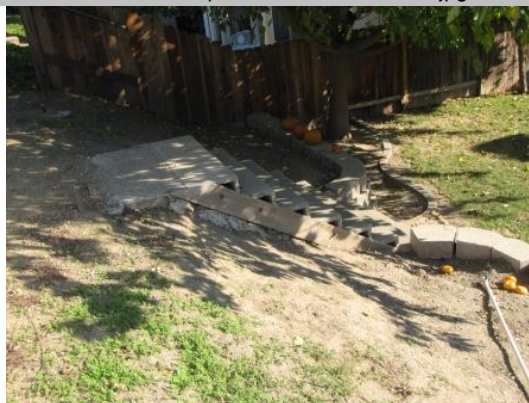
Photo 1 of 1 : pkazi_s_20140415_275.jpg



View of a retaining wall in the landward slope.

LM Start	0.85	Rating **	A/W	Issue No.	1085
LM End	0.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1085				
Action/Comments					
Stairway					

Photo 1 of 1 : pkazi_s_20140415_276.jpg



View of steps on the landward slope looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.85	Rating **	A/W	Issue No.	1086
LM End	0.85	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s_2012_1086				
Action/Comments					
Stairway					

Photo 1 of 1 : pkazi_s_20140415_277.jpg



View of steps on the waterward slope looking upstream.

LM Start	0.85	Rating **	U	Issue No.	1087
LM End	0.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s_2012_1087				
Action/Comments					
Landscaping					
Inspector Comments: Landscaping and irrigation on the landward slope.					

Photo 1 of 2 : pkazi_s_20140415_278.jpg



View of landscaping and irrigation on the landward slope looking upstream.

LM Start	0.85	Rating **	U	Issue No.	1087 (cont)
LM End	0.87	Issue Type +	En	Location *	LS

Photo 2 of 2 : pkazi_s_20140415_279.jpg



View of landscaping on the landside of the levee looking upstream. This picture was taken during fall 2011 inspection.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.85	Rating **	M	Issue No.	1088
LM End	0.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1088				
Action/Comments					
Building					

Photo 1 of 1 : pkazi_s_20140415_280.jpg



View of a retaining wall and patio in the landward slope.

LM Start	0.86	Rating **	A/W	Issue No.	1089
LM End	0.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1089				
Action/Comments					
Stairway					

Photo 1 of 1 : pkazi_s_20140415_281.jpg



View of steps on the landward slope looking upstream.

LM Start	0.86	Rating **	M	Issue No.	1090
LM End	0.86	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1090				
Action/Comments					
Building					
Inspector Comments: Dock on waterward side of berm with patio on berm.					

Photo 1 of 1 : pkazi_s_20140415_282.jpg



View of a dock and concrete pad on the waterward side of the berm.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.87	Rating **	M	Issue No.	2
LM End	0.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.043093 °	38.043093 °
				-121.368860 °	-121.368860 °
DWR ID	DWR_NA0017_08_s_2012_2				
Action/Comments					
Prunings Inspector Comments: Landowner dumping prunings and clippings on the waterward side of the levee.					

Photo 1 of 1 : pkazi_s_20140415_180.jpg



View of a prunings pile on the waterward berm looking upstream.

LM Start	0.87	Rating **	M	Issue No.	1091
LM End	0.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s_2012_1091				
Action/Comments					
Building Inspector Comments: Shed at the landward toe.					

Photo 1 of 1 : pkazi_s_20140415_283.jpg



View of a shed located at the landward toe looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.87	Rating **	U	Issue No.	1092
LM End	0.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s_2012_1092				
Action/Comments					
Fence					
Inspector Comments: Fence on shoulder with an electrical panel and irrigation blocking visibility and access of/to the landward slope and toe. There appear to be some encroachments beyond including landscaping and a pool.					

Photo 1 of 1 : pkazi_s_20140415_284.jpg



View of a fence at the landward shoulder blocking visibility and access looking upstream. Some encroachments can be seen through the fence but not with any detail. Also visible is an electrical panel and hose bib.

LM Start	0.87	Rating **	U	Issue No.	1093
LM End	0.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s_2012_1093				
Action/Comments					
Landscaping Inspector Comments: Bushes growing above and behind wood fence further obstructing visibility and access.					

Photo 1 of 1 : pkazi_s_20140415_285.jpg



View of bushes above the fence at the landward shoulder further obstructing visibility looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	0.88	Rating **	U	Issue No.	1094
LM End	0.88	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.053178 °	38.053178 °
				-121.375387 °	-121.375387 °
DWR ID	DWR_NA0017_08_s _ 2012_1094				
Action/Comments					
Building Inspector Comments: Dock on waterward side of berm.					

Photo 1 of 1 : pkazi_s_20140415_286.jpg



View of a dock on the waterward side of the berm.

LM Start	0.96	Rating **	M	Issue No.	21
LM End	3.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043030 °	38.042659 °
				-121.366744 °	-121.325862 °
DWR ID	DWR_NA0017_08_s _ 2014_21				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.96	Rating **	M	Issue No.	19
LM End	2.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043033 °	38.042750 °
				-121.366740 °	-121.340505 °
DWR ID	DWR_NA0017_08_s _ 2014_19				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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U : Unacceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	1.31	Rating **	M	Issue No.	31
LM End	1.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042894 °	38.042894 °
				-121.360467 °	-121.360467 °
DWR ID	DWR_NA0017_08_f_2013_31				
Action/Comments					
Stairway					

Photo 1 of 1 : pkazi_s_20140415_195.jpg



Steps were dug on the landside slope of the levee looking downstream.

LM Start	1.47	Rating **	C	Issue No.	15
LM End	1.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042830 °	38.042830 °
				-121.357594 °	-121.357594 °
DWR ID	DWR_NA0017_08_f_2013_15				
Action/Comments					
Prunings					

No Photos

LM Start	1.73	Rating **	N	Issue No.	18
LM End	1.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042751 °	38.042751 °
				-121.353062 °	-121.353062 °
DWR ID	DWR_NA0017_08_f_2012_18				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : pkazi_s_20140415_189.jpg



A tree stump was found on the landside toe of the levee. The picture was taken from the crown looking towards the toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	1.81	Rating **	C	Issue No.	34
LM End	1.81	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042716 °	38.042716 °
				-121.351504 °	-121.351504 °
DWR ID	DWR_NA0017_08_f_2013_34				
Action/Comments					

No Photos

LM Start	1.83	Rating **	C	Issue No.	8
LM End	1.83	Issue Type +	Ma	Location *	LS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042725 °	38.042725 °
				-121.351237 °	-121.351237 °
DWR ID	DWR_NA0017_08_s_2013_8				
Action/Comments					

No Photos

LM Start	1.83	Rating **	A	Issue No.	16
LM End	1.83	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042713 °	38.042713 °
				-121.351122 °	-121.351122 °
DWR ID	DWR_NA0017_08_s_2014_16				
Action/Comments					
Inspector Comments: The LMA has repaired the monolith joint at this location.					

Photo 1 of 1 : pkazi_s_20140428_877.jpg



Monolith Joints at this location was repaired by the LMA. The picture was taken from the crown looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

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+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	1.85	Rating **	C	Issue No.	11
LM End	1.85	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042704 °	38.042704 °
				-121.350847 °	-121.350847 °
DWR ID	DWR_NA0017_08_f_2013_11				
Action/Comments					

No Photos

LM Start	1.97	Rating **	C	Issue No.	9
LM End	1.97	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042796 °	38.042796 °
				-121.348703 °	-121.348703 °
DWR ID	DWR_NA0017_08_f_2012_9				
Action/Comments					

No Photos

LM Start	2.04	Rating **	M	Issue No.	1006
LM End	2.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.042746 °	38.042803 °
				-121.347335 °	-121.346812 °
DWR ID	DWR_NA0017_08_s_2012_1006				
Action/Comments					
Landscaping					
Inspector Comments: Ivy and oleanders on landward slope.					

Photo 1 of 1 : pkazi_s_20140415_234.jpg



View of landscaping along the landward slope looking upstream. County crews have greatly reduced the amount of material and increased visibility and access.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.06	Rating **	M	Issue No.	1007
LM End	2.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042805 °	38.042805 °
				-121.347071 °	-121.347071 °
DWR ID	DWR_NA0017_08_s _ 2012_1007				
Action/Comments					
Stairway Inspector Comments: Steps were removed but the hand rails still exists at the location.					

Photo 1 of 1 : pkazi_s_20140415_235.jpg



View of steps dug into the landward slope looking upstream.

LM Start	2.11	Rating **	U	Issue No.	1008
LM End	2.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042797 °	38.042787 °
				-121.346087 °	-121.345608 °
DWR ID	DWR_NA0017_08_s _ 2012_1008				
Action/Comments					
Fence Inspector Comments: The fence is covered by ivy.					

Photo 1 of 1 : pkazi_s_20140415_236.jpg



View of a fence with landscaping growing on it at the landward toe looking upstream.

LM Start	2.14	Rating **	M	Issue No.	1009
LM End	2.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.042786 °	38.042779 °
				-121.345607 °	-121.345154 °
DWR ID	DWR_NA0017_08_s _ 2012_1009				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_237.jpg



View of landscaping along the landward slope looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.17	Rating **	U	Issue No.	1011
LM End	2.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042779 °	38.042775 °
				-121.345119 °	-121.344777 °
DWR ID	DWR_NA0017_08_s _ 2012_1011				
Action/Comments					
Fence					
Inspector Comments: Wood fence on landward toe.					

Photo 1 of 1 : pkazi_s_20140415_238.jpg



View of a fence along the landward toe looking upstream.

LM Start	2.19	Rating **	U	Issue No.	1012
LM End	2.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042775 °	38.042773 °
				-121.344777 °	-121.343691 °
DWR ID	DWR_NA0017_08_s _ 2012_1012				
Action/Comments					
Fence					
Inspector Comments: Wood fence on landward toe.					

Photo 1 of 2 : pkazi_s_20140415_239.jpg



View of a fence along the landward toe looking upstream.

LM Start	2.19	Rating **	U	Issue No.	1012 (cont)
LM End	2.25	Issue Type +	En	Location *	LS

Photo 2 of 2 : pkazi_s_20140415_240.jpg



Fence was located on the landside toe of the levee looking upstream.
This picture was taken during spring 2012 inspection.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.20	Rating **	M	Issue No.	29
LM End	2.20	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042771 °	38.042771 °
				-121.344443 °	-121.344443 °
DWR ID	DWR_NA0017_08_s_2013_29				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140415_194.jpg



The monolith joint material is deteriorating at this location of the flood wall. The picture was taken from the crown looking upstream.

LM Start	2.21	Rating **	M	Issue No.	48
LM End	2.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042776 °	38.042776 °
				-121.344309 °	-121.344309 °
DWR ID	DWR_NA0017_08_f_2013_48				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_206.jpg



Prunings were found on the landside toe of the levee looking upstream.

LM Start	2.22	Rating **	M	Issue No.	32
LM End	2.22	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042767 °	38.042767 °
				-121.344245 °	-121.344245 °
DWR ID	DWR_NA0017_08_s_2013_32				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140415_196.jpg



The monolith joint material is deteriorating at this location of the flood wall. The picture was taken from the crown looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.25	Rating **	U	Issue No.	1018
LM End	2.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042764 °	38.042765 °
				-121.343690 °	-121.342620 °
DWR ID	DWR_NA0017_08_s _ 2012_1018				
Action/Comments					
Fence					
Inspector Comments: Wood fence on the landward slope.					

Photo 1 of 2 : pkazi_s_20140415_242.jpg



View of the fence on the landside toe of the levee looking upstream.
This picture was taken during fall 2011 inspection.

LM Start	2.25	Rating **	U	Issue No.	1018 (cont)
LM End	2.30	Issue Type +	En	Location *	LS

Photo 2 of 2 : pkazi_s_20140415_241.jpg



View of a wood fence at the landward toe.

LM Start	2.25	Rating **	M	Issue No.	22
LM End	2.25	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042770 °	38.042770 °
				-121.343590 °	-121.343590 °
DWR ID	DWR_NA0017_08_s _ 2014_22				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140428_878.jpg



A deteriorating monolith joint on the wall was found on the waterside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.30	Rating **	M	Issue No.	1021
LM End	2.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042765 °	38.042760 °
				-121.342620 °	-121.341167 °
DWR ID	DWR_NA0017_08_s _ 2012_1021				
Action/Comments					
Fence					
Inspector Comments: Chain link fence on landward slope.					

Photo 1 of 1 : pkazi_s_20140415_243.jpg



View of a fence on the landward slope looking upstream.

LM Start	2.33	Rating **	N	Issue No.	40
LM End	2.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042751 °	38.042751 °
				-121.342119 °	-121.342119 °
DWR ID	DWR_NA0017_08_s _ 2012_40				
Action/Comments					
Tree stumps.					

No Photos

LM Start	2.38	Rating **	M	Issue No.	10
LM End	2.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042758 °	38.042758 °
				-121.341210 °	-121.341210 °
DWR ID	DWR_NA0017_08_s _ 2012_10				
Action/Comments					
Building					
Inspector Comments: Handrails on the landward slope.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.38	Rating **	M	Issue No.	1023
LM End	2.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042761 °	38.042767 °
				-121.341166 °	-121.340867 °
DWR ID	DWR_NA0017_08_s_2012_1023				
Action/Comments					
Fence					
Inspector Comments: Wood fence on landward slope.					

Photo 1 of 1 : pkazi_s_20140415_244.jpg



View of a fence at the landward toe.

LM Start	2.40	Rating **	M	Issue No.	1024
LM End	2.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042764 °	38.042751 °
				-121.340865 °	-121.340480 °
DWR ID	DWR_NA0017_08_s_2012_1024				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_245.jpg



View of a fence at the landward toe.

LM Start	2.43	Rating **	M	Issue No.	43
LM End	2.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042756 °	38.042756 °
				-121.340599 °	-121.340599 °
DWR ID	DWR_NA0017_08_f_2013_43				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_203.jpg



Prunings were found on the landside toe of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.43	Rating **	U	Issue No.	1026
LM End	2.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042752 °	38.042717 °
				-121.340479 °	-121.335738 °
DWR ID	DWR_NA0017_08_s_2012_1026				
Action/Comments					
Fence					
Inspector Comments: Wood fence along landward slope.					

Photo 1 of 1 : pkazi_s_20140415_246.jpg



View of a fence at the landward toe looking upstream.

LM Start	2.45	Rating **	N	Issue No.	36
LM End	2.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042739 °	38.042739 °
				-121.340100 °	-121.340100 °
DWR ID	DWR_NA0017_08_s_2012_36				
Action/Comments					
Tree stumps.					

No Photos

LM Start	2.47	Rating **	M	Issue No.	50
LM End	2.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.042752 °	38.042752 °
				-121.339773 °	-121.339773 °
DWR ID	DWR_NA0017_08_f_2013_50				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_209.jpg



Landscaping was found on the landside toe of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.48	Rating **	M	Issue No.	42
LM End	2.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042744 °	38.042744 °
				-121.339671 °	-121.339671 °
DWR ID	DWR_NA0017_08_s _ 2012_42				
Action/Comments					
Ditch					

Photo 1 of 2 : pkazi_s_20140415_201.jpg



The owner excavated a ditch on the toe at the landside of the levee. The picture was taken from the landside of the levee looking downstream.

LM Start	2.48	Rating **	M	Issue No.	42 (cont)
LM End	2.48	Issue Type +	En	Location *	LS

Photo 2 of 2 : pkazi_s_20140415_202.jpg



View of a ditch at the landside toe of the levee looking downstream.

LM Start	2.54	Rating **	N	Issue No.	26
LM End	2.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042737 °	38.042737 °
				-121.338447 °	-121.338447 °
DWR ID	DWR_NA0017_08_s _ 2014_26				
Action/Comments					
Tree stumps.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.55	Rating **	N	Issue No.	12
LM End	2.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042743 °	38.042743 °
				-121.338343 °	-121.338343 °
DWR ID	DWR_NA0017_08_s _ 2012_12				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : pkazi_s_20140415_184.jpg



View of stumps along the landward toe looking upstream.

LM Start	2.57	Rating **	N	Issue No.	33
LM End	2.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042721 °	38.042721 °
				-121.337887 °	-121.337887 °
DWR ID	DWR_NA0017_08_s _ 2012_33				
Action/Comments					
Tree stumps.					

No Photos

LM Start	2.58	Rating **	M	Issue No.	39
LM End	2.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042718 °	38.042713 °
				-121.337506 °	-121.337074 °
DWR ID	DWR_NA0017_08_s _ 2012_39				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_200.jpg



Fence located on sholder of landside of levee from LM 2.58 to LM 2.61

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.61	Rating **	U	Issue No.	963
LM End	2.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042724 °	38.042724 °
				-121.337075 °	-121.337075 °
DWR ID	DWR_NA0017_08_s _ 2012_963				
Action/Comments					
Building Inspector Comments: Fall 2010: Landscaping removed, but shed still exists.					

Photo 1 of 1 : pkazi_s_20140415_233.jpg



Landscaping and shed placed on landward levee slope and within 10' of the toe.

LM Start	2.69	Rating **	M	Issue No.	1037
LM End	2.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042718 °	38.042718 °
				-121.335738 °	-121.335468 °
DWR ID	DWR_NA0017_08_s _ 2012_1037				
Action/Comments					
Fence					
Inspector Comments: Chain link fence on landward slope.					

No Photos

LM Start	2.71	Rating **	U	Issue No.	1038
LM End	2.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042713 °	38.042715 °
				-121.335472 °	-121.334296 °
DWR ID	DWR_NA0017_08_s _ 2012_1038				
Action/Comments					
Fence					
Inspector Comments: Wood fence on landward slope.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.75	Rating **	N	Issue No.	30
LM End	2.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042710 °	38.042710 °
				-121.334677 °	-121.334677 °
DWR ID	DWR_NA0017_08_s_2012_30				
Action/Comments					
Tree stumps.					

No Photos

LM Start	2.77	Rating **	M	Issue No.	1040
LM End	2.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042715 °	38.042714 °
				-121.334295 °	-121.333564 °
DWR ID	DWR_NA0017_08_s_2012_1040				
Action/Comments					
Fence					
Inspector Comments: Fence on landward toe.					

Photo 1 of 1 : pkazi_s_20140415_247.jpg



Fence was found on the landside toe of the levee looking upstream.

LM Start	2.82	Rating **	U	Issue No.	1041
LM End	2.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042716 °	38.042714 °
				-121.333564 °	-121.332687 °
DWR ID	DWR_NA0017_08_s_2012_1041				
Action/Comments					
Fence					
Inspector Comments: Wood fence on landward toe.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	2.86	Rating **	M	Issue No.	1042
LM End	2.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042714 °	38.042710 °
				-121.332687 °	-121.332223 °
DWR ID	DWR_NA0017_08_s _ 2012_1042				
Action/Comments					
Fence					
Inspector Comments: Chainlink fence on landward toe.					

No Photos

LM Start	2.93	Rating **	M	Issue No.	937
LM End	3.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042696 °	38.042658 °
				-121.331553 °	-121.322930 °
DWR ID	DWR_NA0017_08_s _ 2012_937				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_229.jpg



Fence was found on the landside toe of the levee looking upstream.

LM Start	3.08	Rating **	N	Issue No.	13
LM End	3.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042624 °	38.042624 °
				-121.328781 °	-121.328781 °
DWR ID	DWR_NA0017_08_s _ 2012_13				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : pkazi_s_20140415_185.jpg



View of a stump on the landward slope looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	3.11	Rating **	M	Issue No.	38
LM End	3.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042661 °	38.042661 °
				-121.328178 °	-121.328178 °
DWR ID	DWR_NA0017_08_f_2013_38				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_199.jpg



Prunings were found on the landside toe of the levee looking upstream.

LM Start	3.15	Rating **	N	Issue No.	14
LM End	3.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042638 °	38.042638 °
				-121.327479 °	-121.327479 °
DWR ID	DWR_NA0017_08_s_2012_14				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : pkazi_s_20140415_186.jpg



View of a stump on the landward slope looking upstream.

LM Start	3.15	Rating **	M	Issue No.	938
LM End	3.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042658 °	38.042658 °
				-121.327418 °	-121.327418 °
DWR ID	DWR_NA0017_08_s_2012_938				
Action/Comments					
Pool					
Inspector Comments: Pool is constructed within 10 feet toe of the levee.					

Photo 1 of 1 : pkazi_s_20140415_230.jpg



View of the pool located within 10 feet from the toe of the landside of the levee. The picture was taken from the crown looking towards the toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	3.19	Rating **	M	Issue No.	37
LM End	3.19	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042652 °	38.042652 °
				-121.326883 °	-121.326883 °
DWR ID	DWR_NA0017_08_s_2013_37				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140415_198.jpg



The monolith joint material is deteriorating at this location of the flood wall. The picture was taken from the crown looking upstream.

LM Start	3.22	Rating **	M	Issue No.	940
LM End	3.22	Issue Type +	Ma	Location *	LS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042654 °	38.042654 °
				-121.325611 °	-121.325611 °
DWR ID	DWR_NA0017_08_s_2012_940				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140415_231.jpg



Monolith joint material is deteriorating at the joint of the flood wall. The picture was taken from the crown looking upstream.

LM Start	3.29	Rating **	M	Issue No.	41
LM End	3.29	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042643 °	38.042643 °
				-121.325208 °	-121.325208 °
DWR ID	DWR_NA0017_08_f_2013_41				
Action/Comments					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	3.34	Rating **	U	Issue No.	88
LM End	3.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042650 °	38.042657 °
				-121.324296 °	-121.322933 °
DWR ID	DWR_NA0017_08_s_2012_88				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_222.jpg



Fences were found on the landside of the levee looking downstream.

LM Start	3.40	Rating **	M	Issue No.	28
LM End	3.40	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			38.042652 °	38.042652 °
				-121.323034 °	-121.323034 °
DWR ID	DWR_NA0017_08_s_2012_28				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140415_193.jpg



The monolith joint material is deteriorating on the waterside of the levee looking downstream.

LM Start	3.56	Rating **	M	Issue No.	17
LM End	3.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042598 °	38.042596 °
				-121.320107 °	-121.317354 °
DWR ID	DWR_NA0017_08_s_2012_17				
Action/Comments					
Fence Inspector Comments: Wood and metal post barbed wire fence at the landward toe.					

Photo 1 of 1 : pkazi_s_20140415_188.jpg



A fence was found on the landside toe of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	4.15	Rating **	M	Issue No.	20
LM End	4.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.042490 °	38.042838 °
				-121.309742 °	-121.300586 °
DWR ID	DWR_NA0017_08_s _ 2012_20				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140415_190.jpg



An agricultural ditch was found on the landside of the levee looking downstream.

LM Start	4.34	Rating **	C	Issue No.	44
LM End	4.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.042461 °	38.042461 °
				-121.306167 °	-121.306167 °
DWR ID	DWR_NA0017_08_f _ 2013_44				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside of the levee.					

No Photos

LM Start	4.64	Rating **	M	Issue No.	27
LM End	4.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.042728 °	38.042728 °
				-121.300923 °	-121.300923 °
DWR ID	DWR_NA0017_08_s _ 2014_27				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Ruts on the waterside slope of the levee.					

Photo 1 of 1 : pkazi_s_20140428_879.jpg



Erosion caused by runoffs on the waterside slope of the levee looking upstream.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	4.68	Rating **	M	Issue No.	46
LM End	4.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.043078 °	38.043078 °
				-121.300166 °	-121.300166 °
DWR ID	DWR_NA0017_08_s _ 2014_46				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140428_880.jpg



A slope instability was found on the waterside of the levee looking downstream.

LM Start	5.09	Rating **	M	Issue No.	47
LM End	6.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.045196 °	38.052231 °
				-121.294093 °	-121.279016 °
DWR ID	DWR_NA0017_08_s _ 2014_47				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	5.09	Rating **	M	Issue No.	7
LM End	6.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.045196 °	38.052230 °
				-121.294093 °	-121.279016 °
DWR ID	DWR_NA0017_08_s _ 2014_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	6.24	Rating **	C	Issue No.	25
LM End	6.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.052215 °	38.052215 °
				-121.277064 °	-121.277064 °
DWR ID	DWR_NA0017_08_s _ 2012_25				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Vehicle traffic causing minor erosion on the waterward slope, but if allowed to continue, more significant erosion may occur.					

No Photos

LM Start	6.65	Rating **	M	Issue No.	52
LM End	6.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.053109 °	38.053109 °
				-121.269818 °	-121.269818 °
DWR ID	DWR_NA0017_08_s _ 2014_52				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and					

Photo 1 of 1 : pkazi_s_20140428_881.jpg



A rodent hole was found on the landside of the levee looking upstream.

LM Start	6.68	Rating **	C	Issue No.	60
LM End	6.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.053158 °	38.053158 °
				-121.269455 °	-121.269455 °
DWR ID	DWR_NA0017_08_s _ 2013_60				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	6.82	Rating **	C	Issue No.	45
LM End	6.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.053932 °	38.053932 °
				-121.267136 °	-121.267136 °
DWR ID	DWR_NA0017_08_f_2013_45				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access					

No Photos

LM Start	7.57	Rating **	M	Issue No.	54
LM End	7.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.061125 °	38.061611 °
				-121.258760 °	-121.258137 °
DWR ID	DWR_NA0017_08_s_2012_54				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_210.jpg



Landscaping along landside slope of levee from LM 7.57 to 7.62

LM Start	7.65	Rating **	M	Issue No.	49
LM End	7.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.061985 °	38.061985 °
				-121.257531 °	-121.257531 °
DWR ID	DWR_NA0017_08_s_2012_49				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 2 : pkazi_s_20140415_207.jpg



Erosion was found on the landside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	7.65	Rating **	M	Issue No.	49 (cont)
LM End	7.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.061985 °	38.061985 °
				-121.257531 °	-121.257531 °
DWR ID	DWR_NA0017_08_s_2012_49				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 2 of 2 : pkazi_s_20140415_208.jpg



Slope instability was found due to foot traffic on the landside of the levee looking upstream.

LM Start	7.68	Rating **	M	Issue No.	57
LM End	7.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.062074 °	38.063815 °
				-121.257370 °	-121.254043 °
DWR ID	DWR_NA0017_08_s_2014_57				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140428_882.jpg



Vegetation on the landside of the levee looking upstream.

LM Start	8.10	Rating **	C	Issue No.	58
LM End	8.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.064491 °	38.064491 °
				-121.250702 °	-121.250702 °
DWR ID	DWR_NA0017_08_f_2013_58				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the waterside					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	8.15	Rating **	M	Issue No.	65
LM End	9.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.064750 °	38.069525 °
				-121.249866 °	-121.227352 °
DWR ID	DWR_NA0017_08_s_2014_65				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	8.37	Rating **	C	Issue No.	68
LM End	8.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.066560 °	38.066560 °
				-121.246645 °	-121.246645 °
DWR ID	DWR_NA0017_08_f_2013_68				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	8.56	Rating **	C	Issue No.	81
LM End	8.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.066932 °	38.066932 °
				-121.243329 °	-121.243329 °
DWR ID	DWR_NA0017_08_f_2013_81				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the waterside slope of the levee.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	8.82	Rating **	M	Issue No.	67
LM End	8.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.066988 °	38.066988 °
				-121.238857 °	-121.238857 °
DWR ID	DWR_NA0017_08_s_2014_67				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140428_883.jpg



View of a rodent hole on the landside of the levee looking upstream.

LM Start	9.04	Rating **	C	Issue No.	75
LM End	9.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.067139 °	38.067139 °
				-121.234840 °	-121.234840 °
DWR ID	DWR_NA0017_08_s_2013_75				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	9.48	Rating **	M	Issue No.	92
LM End	9.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.069436 °	38.069436 °
				-121.227527 °	-121.227527 °
DWR ID	DWR_NA0017_08_f_2012_92				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 3 : pkazi_s_20140428_884.jpg



Updated picture of the erosion due to runoff on the landside of the levee looking upstream during spring 2014 inspection.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	9.48	Rating **	M	Issue No.	92 (cont)	
LM End	9.48	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Erosion / Bank Caving			38.069436 °	38.069436 °	
				-121.227527 °	-121.227527 °	
DWR ID	DWR_NA0017_08_f_2012_92					
Action/Comments						
Schedule repair of erosion site prior to the next inspection.						

Photo 2 of 3 : pkazi_s_20140415_224.jpg



An erosion was found on the landside slope of the levee looking upstream.

LM Start	9.48	Rating **	M	Issue No.	92 (cont)
LM End	9.48	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : pkazi_s_20140415_225.jpg



Updated picture of the erosion caused by runoff on the landside of the levee looking downstream.

LM Start	9.52	Rating **	M	Issue No.	55
LM End	9.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.069625 °	38.069625 °
				-121.226987 °	-121.226987 °
DWR ID	DWR_NA0017_08_s_2012_55				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_211.jpg



Prunings were found on the landside of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	9.75	Rating **	M	Issue No.	56
LM End	9.75	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.069786 °	38.069786 °
				-121.222838 °	-121.222838 °
DWR ID	DWR_NA0017_08_s _ 2012_56				
Action/Comments					
Pipe					

Photo 1 of 1 : pkazi_s_20140415_212.jpg



An open pipe was found on the waterside of the levee looking downstream.

LM Start	9.76	Rating **	M	Issue No.	35
LM End	9.76	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.069786 °	38.069786 °
				-121.222752 °	-121.222752 °
DWR ID	DWR_NA0017_08_s _ 2012_35				
Action/Comments					
Pole					

No Photos

LM Start	9.85	Rating **	M	Issue No.	71
LM End	10.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.069814 °	38.072851 °
				-121.221086 °	-121.215220 °
DWR ID	DWR_NA0017_08_s _ 2014_71				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	10.23	Rating **	M	Issue No.	950
LM End	10.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.072622 °	38.073617 °
				-121.215853 °	-121.212182 °
DWR ID	DWR_NA0017_08_s _ 2012_950				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_232.jpg



Fence was found on the landside toe of the levee looking upstream.

LM Start	10.48	Rating **	M	Issue No.	72
LM End	10.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.073718 °	38.073510 °
				-121.211667 °	-121.209091 °
DWR ID	DWR_NA0017_08_s _ 2014_72				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	11.47	Rating **	M	Issue No.	1107
LM End	11.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.081609 °	38.083333 °
				-121.198702 °	-121.196611 °
DWR ID	DWR_NA0017_08_s _ 2012_1107				
Action/Comments					
Fence					
Inspector Comments: Barbed wire fence on landward toe.					

Photo 1 of 1 : pkazi_s_20140415_287.jpg



View of a fence at the landward toe looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	12.07	Rating **	M	Issue No.	74
LM End	12.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.086226 °	38.086226 °
				-121.190051 °	-121.190051 °
DWR ID	DWR_NA0017_08_s_2014_74				
Action/Comments					
Note and monitor erosion site.					
Inspector Comments: Ruts due to runoff					

Photo 1 of 1 : pkazi_s_20140428_889.jpg



Erosion was found on the waterside of the levee looking upstream.

LM Start	12.46	Rating **	M	Issue No.	76
LM End	12.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.089554 °	38.089554 °
				-121.184999 °	-121.184999 °
DWR ID	DWR_NA0017_08_s_2014_76				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140428_890.jpg



Rodent holes were found on the landside slope of the levee looking upstream.

LM Start	12.49	Rating **	M	Issue No.	66
LM End	12.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.089971 °	38.089971 °
				-121.184914 °	-121.184914 °
DWR ID	DWR_NA0017_08_s_2012_66				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140415_217.jpg



An agricultural ditch was found on the landside toe of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	12.60	Rating **	M	Issue No.	61
LM End	12.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.091226 °	38.091777 °
				-121.184034 °	-121.181578 °
DWR ID	DWR_NA0017_08_s_2012_61				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_215.jpg



Fence was found on the landside of the levee looking upstream.

LM Start	12.77	Rating **	M	Issue No.	62
LM End	13.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.091814 °	38.093124 °
				-121.181058 °	-121.176383 °
DWR ID	DWR_NA0017_08_s_2012_62				
Action/Comments					
Fence Inspector Comments: Barbed wire fence within 10 feet of the landward toe.					

Photo 1 of 1 : pkazi_s_20140415_216.jpg



Fence was located on the landside toe of the levee looking upstream.

LM Start	12.93	Rating **	M	Issue No.	64
LM End	12.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.092147 °	38.092147 °
				-121.178319 °	-121.178319 °
DWR ID	DWR_NA0017_08_s_2012_64				
Action/Comments					
Pole					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	12.97	Rating **	M	Issue No.	78
LM End	13.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.092386 °	38.093331 °
				-121.177595 °	-121.176049 °
DWR ID	DWR_NA0017_08_s_2014_78				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	12.97	Rating **	M	Issue No.	79
LM End	13.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.092397 °	38.093331 °
				-121.177575 °	-121.176049 °
DWR ID	DWR_NA0017_08_s_2014_79				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	13.54	Rating **	M	Issue No.	70
LM End	13.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.100925 °	38.100925 °
				-121.176894 °	-121.176894 °
DWR ID	DWR_NA0017_08_s_2012_70				
Action/Comments					
Landscaping Inspector Comments: Cacti was found on the landside of the levee.					

Photo 1 of 1 : pkazi_s_20140415_219.jpg



Cacti was found on the landside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	13.61	Rating **	M	Issue No.	83
LM End	13.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.101934 °	38.101934 °
				-121.177144 °	-121.177144 °
DWR ID	DWR_NA0017_08_s_2014_83				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : pkazi_s_20140428_885.jpg



A slope instability was found on the landside of the levee looking upstream.

LM Start	13.68	Rating **	M	Issue No.	84
LM End	13.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.102876 °	38.102876 °
				-121.177057 °	-121.177057 °
DWR ID	DWR_NA0017_08_s_2014_84				
Action/Comments					
Agricultural tilling					

Photo 1 of 1 : pkazi_s_20140428_886.jpg



Tilling along the landside toe was found at this location. The picture was taken from the crown looking upstream.

LM Start	13.82	Rating **	C	Issue No.	102
LM End	13.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.104926 °	38.104926 °
				-121.176561 °	-121.176561 °
DWR ID	DWR_NA0017_08_f_2013_102				
Action/Comments					
Repair slope instability.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	13.87	Rating **	M	Issue No.	77
LM End	13.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.105617 °	38.105617 °
				-121.175923 °	-121.175923 °
DWR ID	DWR_NA0017_08_s_2012_77				
Action/Comments					
Pole					

No Photos

LM Start	13.94	Rating **	M	Issue No.	104
LM End	13.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.106152 °	38.106152 °
				-121.175060 °	-121.175060 °
DWR ID	DWR_NA0017_08_f_2013_104				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : pkazi_s_20140415_227.jpg



Slope instability was found on the landside toe of the levee looking upstream.

LM Start	14.09	Rating **	C	Issue No.	105
LM End	14.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.107686 °	38.107686 °
				-121.173295 °	-121.173295 °
DWR ID	DWR_NA0017_08_f_2013_105				
Action/Comments					
Debris					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	14.10	Rating **	M	Issue No.	85
LM End	14.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.107827 °	38.107827 °
				-121.173156 °	-121.173156 °
DWR ID	DWR_NA0017_08_s_2014_85				
Action/Comments					
Debris					

No Photos

LM Start	14.52	Rating **	M	Issue No.	98
LM End	14.52	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.113768 °	38.113768 °
				-121.171900 °	-121.171900 °
DWR ID	DWR_NA0017_08_f_2012_98				
Action/Comments					
Pole					

No Photos

LM Start	15.15	Rating **	C	Issue No.	99
LM End	15.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.122323 °	38.122323 °
				-121.169032 °	-121.169032 °
DWR ID	DWR_NA0017_08_s_2013_99				
Action/Comments					
Debris					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	15.18	Rating **	M	Issue No.	86
LM End	15.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.122684 °	38.122684 °
				-121.169123 °	-121.169123 °
DWR ID	DWR_NA0017_08_s_2014_86				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : pkazi_s_20140428_887.jpg



Slope instability was found on landside toe of the levee looking upstream.

LM Start	15.20	Rating **	M	Issue No.	89
LM End	15.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.125818 °	38.125818 °
				-121.166410 °	-121.166410 °
DWR ID	DWR_NA0017_08_s_2013_89				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140415_223.jpg



Erosion was found on the waterside toe of the levee. The picture was taken from the opposite side of the levee.

LM Start	15.24	Rating **	M	Issue No.	87
LM End	16.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.123586 °	38.129923 °
				-121.169204 °	-121.155906 °
DWR ID	DWR_NA0017_08_s_2014_87				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140428_888.jpg



Vegetation on the waterside of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	04/21/2014 04/25/2014	Pavel Kazi

LM Start	15.67	Rating **	M	Issue No.	90
LM End	15.67	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.126830 °	38.126830 °
				-121.162930 °	-121.162930 °
DWR ID	DWR_NA0017_08_s _ 2014_90				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 09 Paddy Creek			Left	1.54
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/22/2014 - 04/22/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jay Jauregui SJCF&WCD			
	Jim Caruso SJCF&WCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.54	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.02	Rating **	M	Issue No.	1
LM End	0.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.093278 °	38.094859 °
				-121.176164 °	-121.167053 °
DWR ID	DWR_NA0017_09_s_2012_1				
Action/Comments					
Fence					
Inspector Comments: Barbed wire fence within 10 feet of the landward toe.					

Photo 1 of 1 : pkazi_s_20140415_288.jpg



Fences were found on the landside toe of the levee looking upstream.

LM Start	0.09	Rating **	M	Issue No.	2
LM End	0.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.093939 °	38.094853 °
				-121.175063 °	-121.167116 °
DWR ID	DWR_NA0017_09_s_2014_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140428_889.jpg



Vegetation on the waterside of the levee looking upstream.

LM Start	0.09	Rating **	M	Issue No.	4
LM End	0.54	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.093939 °	38.094853 °
				-121.175063 °	-121.167116 °
DWR ID	DWR_NA0017_09_s_2014_4				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_289.jpg



Fence was found on the landside toe of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.54	04/22/2014 04/22/2014	Pavel Kazi

LM Start	1.24	Rating **	M	Issue No.	5
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.094405 °	38.094031 °
				-121.154737 °	-121.153362 °
DWR ID	DWR_NA0017_09_s _ 2014_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140428_890.jpg



Vegetation on the waterside slope of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 10 Paddy Creek			Right	1.42
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/22/2014 - 04/22/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCF&WCD			
	Jay Jauregui SJCF&WCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.42	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.27	Rating **	M	Issue No.	2
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.094919 °	38.094919 °
				-121.171145 °	-121.171145 °
DWR ID	DWR_NA0017_10_s_2014_2				
Action/Comments					
Agricultural tilling					

Photo 1 of 1 : pkazi_s_20140428_908.jpg



Tilling was found on the landside toe of the levee looking upstream.

LM Start	0.35	Rating **	M	Issue No.	3
LM End	1.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.095021 °	38.094321 °
				-121.168428 °	-121.151156 °
DWR ID	DWR_NA0017_10_s_2012_3				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_291.jpg



Fence was found on the landside toe of the levee looking downstream.

LM Start	0.38	Rating **	M	Issue No.	4
LM End	0.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.095079 °	38.094636 °
				-121.167879 °	-121.159228 °
DWR ID	DWR_NA0017_10_s_2014_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140428_892.jpg



View of the vegetation on the waterside slope of the levee looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

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Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.42	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.42	Rating **	M	Issue No.	8
LM End	0.42	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.095145 °	38.095145 °
				-121.167269 °	-121.167269 °
DWR ID	DWR_NA0017_10_s_2012_8				
Action/Comments					
Pipe					
Inspector Comments: Pipe penetrating under the levee crown.					

Photo 1 of 1 : pkazi_s_20140415_296.jpg



Pipe penetration was found under the crown of the levee looking downstream.

LM Start	0.71	Rating **	M	Issue No.	7
LM End	0.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.094606 °	38.094708 °
				-121.162138 °	-121.157569 °
DWR ID	DWR_NA0017_10_s_2012_7				
Action/Comments					
Ditch					

Photo 1 of 2 : pkazi_s_20140415_294.jpg



An agricultural ditch was found on the landside of the levee looking downstream.

LM Start	0.71	Rating **	M	Issue No.	7 (cont)
LM End	0.97	Issue Type +	En	Location *	LS

Photo 2 of 2 : pkazi_s_20140415_295.jpg



Updated picture of the agricultural ditch on the landside of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.42	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.87	Rating **	M	Issue No.	5
LM End	0.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.094671 °	38.094671 °
				-121.159286 °	-121.159286 °
DWR ID	DWR_NA0017_10_s_2012_5				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and					

Photo 1 of 2 : pkazi_s_20140415_292.jpg



View of rodent holes in the waterward berm from the channel.

LM Start	0.87	Rating **	M	Issue No.	5 (cont)
LM End	0.87	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_293.jpg



Erosion above the pilot channel was located but it didn't look like rodent holes. The picture was taken from the toe at the waterside of the levee looking towards the crown.

LM Start	1.12	Rating **	M	Issue No.	1
LM End	1.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.094670 °	38.094322 °
				-121.154616 °	-121.151764 °
DWR ID	DWR_NA0017_10_s_2014_1				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140428_891.jpg



A fence was found on the landside toe of the levee looking downstream.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 11 North Paddy Creek			Right	3.56
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/23/2014 - 04/23/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCF&WCD			
	Jay Jauregui SJCF&WCD			

Summer & Winter Inspections

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- c) corrections to deficiencies noted in this report

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	04/23/2014 04/23/2014	Pavel Kazi

LM Start	0.00	Rating **	M	Issue No.	6
LM End	3.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.095074 °	38.131648 °
				-121.169890 °	-121.138832 °
DWR ID	DWR_NA0017_11_s_2014_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140428_907.jpg



View of the vegetation on the waterside of the levee looking downstream.

LM Start	0.17	Rating **	M	Issue No.	2
LM End	0.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.097243 °	38.101853 °
				-121.169258 °	-121.168563 °
DWR ID	DWR_NA0017_11_s_2012_2				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_298.jpg



Fence located from LM 0.17 to LM 0.49 and crops located from LM 0.17 to LM 0.41 within 10' from landside toe of levee.

LM Start	0.17	Rating **	M	Issue No.	3
LM End	0.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.097342 °	38.100685 °
				-121.169262 °	-121.169112 °
DWR ID	DWR_NA0017_11_s_2012_3				
Action/Comments					
Crops					
Inspector Comments: Newly planted trees within 10' from landside toe					

Photo 1 of 1 : pkazi_s_20140415_299.jpg



Crops were found on the landside toe of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	04/23/2014 04/23/2014	Pavel Kazi

LM Start	0.45	Rating **	M	Issue No.	9
LM End	0.45	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.101218 °	38.101218 °
				-121.168804 °	-121.168804 °
DWR ID	DWR_NA0017_11_s_2014_9				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	1.07	Rating **	U	Issue No.	206
LM End	1.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.109070 °	38.109595 °
				-121.165992 °	-121.164954 °
DWR ID	DWR_NA0017_11_s_2012_206				
Action/Comments					
Ditch					
Inspector Comments: A notice of violation was issued to the owner for this ditch during fall 2011 inspection.					

Photo 1 of 5 : pkazi_s_20140415_309.jpg



Updated picture of the ditch on the landside of the levee during fall 2013 inspection looking downstream.

LM Start	1.07	Rating **	U	Issue No.	206 (cont)
LM End	1.14	Issue Type +	En	Location *	LS

Photo 2 of 5 : pkazi_s_20140415_305.jpg



View of the ditch on the landside of the levee looking upstream. The picture was taken during fall 2011 inspection.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
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+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	04/23/2014 04/23/2014	Pavel Kazi

LM Start	1.07	Rating **	U	Issue No.	206 (cont)
LM End	1.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.109070 °	38.109595 °
				-121.165992 °	-121.164954 °
DWR ID	DWR_NA0017_11_s_2012_206				
Action/Comments					
Ditch					

Photo 3 of 5 : pkazi_s_20140415_306.jpg



View of the ditch on the landside of the levee looking downstream. The picture was taken during fall 2011 inspection.

LM Start	1.07	Rating **	U	Issue No.	206 (cont)
LM End	1.14	Issue Type +	En	Location *	LS

Photo 4 of 5 : pkazi_s_20140415_307.jpg

State of California

DEPARTMENT OF WATER RESOURCES
Division of Flood Management/Flood Project Inspection Section

The Resource Agency

NOTICE OF VIOLATION

DATE 11/4/2011	LOCATION UNIT-11 NORTH PADDY CREEK	LANDOWNER/CONTRACTOR Frank Shaws
ENCROACHMENT NO. 201-306-1740	ADDRESS Shaws Dairy	

A Department of Water Resources' Inspector has found you in violation of Title 23 of the California Code of Regulations which protects floodways and flood control structures.

TYPE OF VIOLATION

1. <input checked="" type="checkbox"/> UNAUTHORIZED ENCROACHMENT	4. <input type="checkbox"/> IMPROPER MAINTENANCE
2. <input type="checkbox"/> UNAUTHORIZED SPOIL OR WASTE	5. <input type="checkbox"/> OTHER:
3. <input type="checkbox"/> UNAUTHORIZED WORK	

REQUESTED CORRECTION: Repair the ditch at the landside toe of the levee. The ditch is approximately 10 feet in width from the toe of the levee. likely to cause significant levee stability issue.

Corrective action must be taken no later than _____

If you have questions about this notice, please contact the inspector listed below. If corrective action is not taken, the Department may request that enforcement action be taken against you.

Received By: Brian Chaves

This notice of violation was given to the property owner who constructed the ditch.

LM Start	1.07	Rating **	U	Issue No.	206 (cont)
LM End	1.14	Issue Type +	En	Location *	LS

Photo 5 of 5 : pkazi_s_20140415_308.jpg



Updated picture of the ditch on the landside of the levee. The picture was taken during fall 2013 inspection looking upstream.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	04/23/2014 04/23/2014	Pavel Kazi

LM Start	2.03	Rating **	M	Issue No.	7
LM End	2.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.116984 °	38.118019 °
				-121.154293 °	-121.150827 °
DWR ID	DWR_NA0017_11_s_2012_7				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_302.jpg



A fence was found on the landside slope of the levee looking downstream.

LM Start	2.25	Rating **	M	Issue No.	5
LM End	2.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.118090 °	38.119080 °
				-121.150612 °	-121.148152 °
DWR ID	DWR_NA0017_11_s_2012_5				
Action/Comments					
Fence					
Inspector Comments: Barbed wire fence within 10' of the landward toe.					

Photo 1 of 1 : pkazi_s_20140415_301.jpg



A fence was found on the landside toe of the levee looking downstream.

LM Start	2.40	Rating **	M	Issue No.	8
LM End	2.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.118902 °	38.118902 °
				-121.148408 °	-121.148408 °
DWR ID	DWR_NA0017_11_s_2012_8				
Action/Comments					
Tank					

Photo 1 of 1 : pkazi_s_20140415_303.jpg



A tank and debris was found on the landside of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	04/23/2014 04/23/2014	Pavel Kazi

LM Start	2.90	Rating **	M	Issue No.	4
LM End	3.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.124677 °	38.127095 °
				-121.144272 °	-121.142371 °
DWR ID	DWR_NA0017_11_s_2012_4				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140415_300.jpg



A ditch was found on the landside of the levee looking downstream.

LM Start	2.97	Rating **	M	Issue No.	16
LM End	2.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.125636 °	38.125636 °
				-121.144298 °	-121.144298 °
DWR ID	DWR_NA0017_11_f_2012_16				
Action/Comments					
Ditch Inspector Comments: A detention pond was dug by the farmer next to the toe of the levee. It appears that it may interfere with the levee prism.					

Photo 1 of 1 : pkazi_s_20140415_304.jpg



A detention pond was found next the landside toe of the levee. The pond had approximately depth of 15 feet. The picture was taken from the crown looking towards the toe of the levee.

* Location
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WS : Water Side
CR : Crown

** Rating
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	04/23/2014 04/23/2014	Pavel Kazi

LM Start	3.05	Rating **	M	Issue No.	1
LM End	3.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.126664 °	38.131522 °
				-121.144080 °	-121.138843 °
DWR ID	DWR_NA0017_11_s _ 2012_1				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_297.jpg



A fence was found on the landside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 12 North Paddy Creek			Left	3.53
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/22/2014 - 04/22/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCF&WCD			
	Jay Jauregui SJCF&WCD			

Summer & Winter Inspections

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- c) corrections to deficiencies noted in this report

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.01	Rating **	M	Issue No.	1
LM End	0.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.095226 °	38.103637 °
				-121.168822 °	-121.165796 °
DWR ID	DWR_NA0017_12_s_2012_1				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_310.jpg



Fence was found on the landside toe of the levee looking upstream.

LM Start	0.48	Rating **	M	Issue No.	4
LM End	0.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.101926 °	38.102616 °
				-121.167822 °	-121.166169 °
DWR ID	DWR_NA0017_12_f_2013_4				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_312.jpg



Fence was found on the landside toe of the levee looking upstream.

LM Start	0.49	Rating **	M	Issue No.	5
LM End	0.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.101955 °	38.103031 °
				-121.167805 °	-121.165839 °
DWR ID	DWR_NA0017_12_s_2014_5				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140428_893.jpg



View of the vegetation on the waterside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.59	Rating **	M	Issue No.	3
LM End	1.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.102617 °	38.109301 °
				-121.166169 °	-121.160586 °
DWR ID	DWR_NA0017_12_s_2012_3				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_311.jpg



A fence was located on the landside toe of the levee looking upstream.

LM Start	0.65	Rating **	M	Issue No.	7
LM End	0.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.103371 °	38.103371 °
				-121.165763 °	-121.165763 °
DWR ID	DWR_NA0017_12_s_2014_7				
Action/Comments					
Debris					

Photo 1 of 1 : pkazi_s_20140428_894.jpg



Debris was found on the landside toe of the levee looking upstream.

LM Start	0.93	Rating **	M	Issue No.	6
LM End	1.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.107523 °	38.108964 °
				-121.165785 °	-121.165448 °
DWR ID	DWR_NA0017_12_s_2012_6				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140428_895.jpg



A ditch was found on the landside toe of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	04/22/2014 04/22/2014	Pavel Kazi

LM Start	1.38	Rating **	M	Issue No.	2
LM End	1.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.110609 °	38.111920 °
				-121.160047 °	-121.158684 °
DWR ID	DWR_NA0017_12_s_2012_2				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140428_896.jpg



View of the fence on the landside of the levee looking upstream.

LM Start	1.81	Rating **	M	Issue No.	108
LM End	1.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.114636 °	38.114636 °
				-121.155564 °	-121.155564 °
DWR ID	DWR_NA0017_12_s_2012_108				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_322.jpg



Equipment was found on the landside of the levee looking upstream.

LM Start	1.85	Rating **	C	Issue No.	18
LM End	1.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.115077 °	38.115077 °
				-121.155101 °	-121.155101 °
DWR ID	DWR_NA0017_12_s_2012_18				
Action/Comments					
Debris					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	04/22/2014 04/22/2014	Pavel Kazi

LM Start	1.91	Rating **	M	Issue No.	109
LM End	1.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.115993 °	38.115993 °
				-121.154539 °	-121.154539 °
DWR ID	DWR_NA0017_12_s_2012_109				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140415_323.jpg



A ditch was located on the landside toe of the levee looking upstream.

LM Start	2.22	Rating **	M	Issue No.	9
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.117784 °	38.117784 °
				-121.149763 °	-121.149763 °
DWR ID	DWR_NA0017_12_s_2014_9				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140428_901.jpg



A rodent hole was found on the landside of the levee looking downstream.

LM Start	2.25	Rating **	M	Issue No.	11
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.117807 °	38.117807 °
				-121.149233 °	-121.149233 °
DWR ID	DWR_NA0017_12_s_2014_11				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140428_902.jpg



Rodent holes were found on the landside toe of the levee upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	04/22/2014 04/22/2014	Pavel Kazi

LM Start	2.37	Rating **	M	Issue No.	8
LM End	2.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.118957 °	38.119761 °
				-121.147865 °	-121.147461 °
DWR ID	DWR_NA0017_12_s_2012_8				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_313.jpg



Trees and landscaping was found on the landside of the levee looking upstream.

LM Start	2.79	Rating **	M	Issue No.	13
LM End	2.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.123638 °	38.123638 °
				-121.144226 °	-121.144226 °
DWR ID	DWR_NA0017_12_s_2014_13				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : pkazi_s_20140428_903.jpg



Erosion was found on the waterside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	04/22/2014 04/22/2014	Pavel Kazi

LM Start	2.83	Rating **	M	Issue No.	16
LM End	2.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.123222 °	38.123222 °
				-121.144640 °	-121.144640 °
DWR ID	DWR_NA0017_12_s_2014_16				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Animal hole got bigger caused by erosion.					

Photo 1 of 1 : pkazi_s_20140428_906.jpg



View of a rodent hole on the waterside slope of the levee. The picture was taken from the opposite side of the levee.

LM Start	3.16	Rating **	A/W	Issue No.	12
LM End	3.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.127388 °	38.127388 °
				-121.141197 °	-121.141197 °
DWR ID	DWR_NA0017_12_s_2012_12				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140415_315.jpg



Erosion was found on the waterside of the levee looking downstream.

LM Start	3.23	Rating **	M	Issue No.	14
LM End	3.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.127995 °	38.127995 °
				-121.140189 °	-121.140189 °
DWR ID	DWR_NA0017_12_s_2014_14				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	04/22/2014 04/22/2014	Pavel Kazi

LM Start	3.28	Rating **	M	Issue No.	23
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.128445 °	38.128445 °
				-121.139594 °	-121.139594 °
DWR ID	DWR_NA0017_12_f_2012_23				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 3 : pkazi_s_20140415_319.jpg



Updated picture of the slope instability on the waterside of the levee. The picture was taken during fall 2013 inspection looking downstream.

LM Start	3.28	Rating **	M	Issue No.	23 (cont)
LM End	3.28	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : pkazi_s_20140428_904.jpg



Updated picture of the slope instability on the waterside of the levee. The picture was taken during the spring 2014 inspection looking upstream.

LM Start	3.28	Rating **	M	Issue No.	23 (cont)
LM End	3.28	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : pkazi_s_20140415_318.jpg



Slope instability was found on the waterside slope of the levee looking upstream.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	04/22/2014 04/22/2014	Pavel Kazi

LM Start	3.39	Rating **	M	Issue No.	113
LM End	3.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.130018 °	38.130018 °
				-121.139019 °	-121.139019 °
DWR ID	DWR_NA0017_12_s_2012_113				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_324.jpg



Farming equipment was found on the waterside of the levee looking upstream.

LM Start	3.48	Rating **	M	Issue No.	24
LM End	3.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.131140 °	38.131140 °
				-121.138541 °	-121.138541 °
DWR ID	DWR_NA0017_12_f_2012_24				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 3 : pkazi_s_20140428_905.jpg



Updated picture of the erosion on the waterside of the levee. The picture was taken during spring 2014 inspection looking downstream.

LM Start	3.48	Rating **	M	Issue No.	24 (cont)
LM End	3.48	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : pkazi_s_20140415_320.jpg



Erosion was found on the waterside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	04/22/2014 04/22/2014	Pavel Kazi

LM Start	3.48	Rating **	M	Issue No.	24 (cont)
LM End	3.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.131140 °	38.131140 °
				-121.138541 °	-121.138541 °
DWR ID	DWR_NA0017_12_f_2012_24				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 3 of 3 : pkazi_s_20140415_321.jpg



Updated picture of the erosion on the waterside slope of the levee looking downstream.

LM Start	3.51	Rating **	M	Issue No.	17
LM End	3.51	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.131490 °	38.131490 °
				-121.138476 °	-121.138476 °
DWR ID	DWR_NA0017_12_s_2012_17				
Action/Comments					
Pipe					

Photo 1 of 1 : pkazi_s_20140415_316.jpg



An active running pipe was found on the waterside of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	04/22/2014 04/22/2014	Pavel Kazi

LM Start	3.53	Rating **	U	Issue No.	10
LM End	3.92	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.134740 °	38.134740 °
				-121.133335 °	-121.133335 °
DWR ID	DWR_NA0017_12_s_2012_10				
Action/Comments					
Fence					
Inspector Comments: Farmer has moved fence to water shouder of access road in high ground area of the unit. The fence is blocking access and the gate is locked with farmer's lock. Unable to access, inspect or patrol this portion of the unit.					

Photo 1 of 1 : pkazi_s_20140415_314.jpg



Fence along waterward sholder and crown of access road. The road cannot be driven through as the fence blocks access. The gate does not have a county key on the gate.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 13 Middle Paddy Creek			Left	1.40
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/22/2014 - 04/22/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCF&WCD			
	Jay Jauregui SJCF&WCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.40	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.00	Rating **	M	Issue No.	3
LM End	1.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.109328 °	38.110833 °
				-121.159539 °	-121.138757 °
DWR ID	DWR_NA0017_13_s_2012_3				
Action/Comments					
Fence					

Photo 1 of 2 : pkazi_s_20140415_326.jpg



A fence was located on the landside of the levee looking upstream.

Photo 2 of 2 : pkazi_s_20140415_327.jpg



A fence was found on the landside of the levee looking upstream.

LM Start	0.26	Rating **	A	Issue No.	1
LM End	0.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.109528 °	38.109528 °
				-121.155848 °	-121.155848 °
DWR ID	DWR_NA0017_13_s_2014_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140428_897.jpg



View of the waterside slope of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.40	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.39	Rating **	M	Issue No.	2
LM End	0.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.109580 °	38.109580 °
				-121.153445 °	-121.153445 °
DWR ID	DWR_NA0017_13_s_2012_2				
Action/Comments					
Tank					

Photo 1 of 1 : pkazi_s_20140415_325.jpg



View of a tub/tank on the landward slope blocking access and visibility looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 14 Middle Paddy Creek			Right	1.40
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/22/2014 - 04/22/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCF&WCD			
	Jay Jauregui SJCF&WCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

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- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

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<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.40	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.02	Rating **	M	Issue No.	6
LM End	0.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.109670 °	38.111263 °
				-121.159889 °	-121.151091 °
DWR ID	DWR_NA0017_14_s_2012_6				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_334.jpg



A fence was found on the landside of the levee looking downstream.

LM Start	0.43	Rating **	M	Issue No.	8
LM End	0.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.110031 °	38.110031 °
				-121.152630 °	-121.152630 °
DWR ID	DWR_NA0017_14_f_2013_8				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : pkazi_s_20140428_898.jpg



Updated picture of the rodent hole on the waterside shoulder of the levee looking upstream during the spring 2014 inspection.

LM Start	0.43	Rating **	M	Issue No.	8 (cont)
LM End	0.43	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_336.jpg



View of a rodent hole on the waterside shoulder of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.40	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.57	Rating **	M	Issue No.	7
LM End	0.57	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.111490 °	38.111490 °
				-121.150762 °	-121.150762 °
DWR ID	DWR_NA0017_14_s_2013_7				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

Photo 1 of 1 : pkazi_s_20140415_335.jpg



Crown depression was found looking upstream.

LM Start	0.61	Rating **	M	Issue No.	5
LM End	0.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.111770 °	38.111770 °
				-121.150112 °	-121.150112 °
DWR ID	DWR_NA0017_14_s_2012_5				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_333.jpg



Animal holes were found on the waterside of the levee looking upstream.

LM Start	0.61	Rating **	M	Issue No.	4
LM End	0.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.111774 °	38.111774 °
				-121.150073 °	-121.150073 °
DWR ID	DWR_NA0017_14_s_2012_4				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 2 : pkazi_s_20140415_331.jpg



Erosion was found on the waterside of the levee.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.40	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.61	Rating **	M	Issue No.	4 (cont)
LM End	0.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.111774 °	38.111774 °
				-121.150073 °	-121.150073 °
DWR ID	DWR_NA0017_14_s_2012_4				
Action/Comments					
Note and monitor erosion site.					

Photo 2 of 2 : pkazi_s_20140415_332.jpg



Erosion was found on the waterside of the levee looking upstream. This picture was taken during spring 2012 inspection.

LM Start	0.65	Rating **	M	Issue No.	1
LM End	0.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.112050 °	38.112050 °
				-121.149524 °	-121.149524 °
DWR ID	DWR_NA0017_14_s_2012_1				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_328.jpg



View of rodent holes in the waterward berm looking downstream.

LM Start	0.73	Rating **	M	Issue No.	3
LM End	0.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.111851 °	38.111851 °
				-121.148358 °	-121.148358 °
DWR ID	DWR_NA0017_14_s_2012_3				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_330.jpg



A rodent hole was found on the waterside shoulder of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.40	04/22/2014 04/22/2014	Pavel Kazi

LM Start	0.83	Rating **	M	Issue No.	2
LM End	0.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.110628 °	38.110628 °
				-121.147429 °	-121.147429 °
DWR ID	DWR_NA0017_14_s_2012_2				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_329.jpg



View of a large diameter rodent hole in the waterward berm looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 15 Mormon Slough			Right	25.62
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/29/2014 - 05/01/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jim Caruso SJCF&WCD			
	Jay Jauregui SJCF&WCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	0.00	Rating **	M	Issue No.	128
LM End	0.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.991886 °	°
				-121.272391 °	°
DWR ID	DWR_NA0017_15_s _ 2014_128				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	130
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.994539 °	°
				-121.278513 °	°
DWR ID	DWR_NA0017_15_s _ 2014_130				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	1153
LM End	0.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.992900 °	121.294410 °
				0.000000 °	0.000000 °
DWR ID	DWR_NA0017_15_s _ 2014_1153				
Action/Comments					
Garbage Inspector Comments: Removed old jute erosion control rolls from levee slope.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	0.00	Rating **	M	Issue No.	1154
LM End	0.00	Issue Type +	Ma	Location *	LS
Category	Structures			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.992900 °	121.294410 °
				0.000000 °	0.000000 °
DWR ID	DWR_NA0017_15_s _ 2014_1154				
Action/Comments					
Inspector Comments: Removed a ballard from levee					

No Photos

LM Start	0.00	Rating **	U	Issue No.	1155
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			0.000000 °	0.000000 °
				0.000000 °	0.000000 °
DWR ID	DWR_NA0017_15_s _ 2014_1155				
Action/Comments					
Inspector Comments: This is the Upper Calaveras river channel. No levee exists. We removed a downed oak tree and wood debris from channel.					

No Photos

LM Start	0.27	Rating **	A/W	Issue No.	141
LM End	1.61	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.049658 °	38.040100 °
				-121.014806 °	-121.034319 °
DWR ID	DWR_NA0017_15_s _ 2012_141				
Action/Comments					
Material					
Inspector Comments: This portion of the unit contains a non-project levee. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "A/W."					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	0.37	Rating **	M	Issue No.	1
LM End	0.64	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.049552 °	38.047016 °
				-121.014926 °	-121.020586 °
DWR ID	DWR_NA0017_15_s_2012_1				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_337.jpg



Fences were found on the waterside shoulder of the levee looking downstream.

LM Start	0.37	Rating **	M	Issue No.	8
LM End	0.37	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.048804 °	38.048804 °
				-121.016290 °	-121.016290 °
DWR ID	DWR_NA0017_15_s_2014_8				
Action/Comments					
Pool					

No Photos

LM Start	0.37	Rating **	M	Issue No.	2
LM End	0.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.048807 °	38.048807 °
				-121.016293 °	-121.016293 °
DWR ID	DWR_NA0017_15_s_2014_2				
Action/Comments					
Pool					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	0.41	Rating **	M	Issue No.	7
LM End	1.32	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.045818 °	38.045818 °
				-121.023955 °	-121.023955 °
DWR ID	DWR_NA0017_15_s_2014_7				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Site has been revisited. No significant changes observed. 09/02/2011: No significant changes observed on site. 11/02/2010: No significant changes observed. The mile-long erosion continues to degrade the bank. There are a few trees along the mile-long stretch on the lower bank slope that are affected by the scarp. WS Levee Slope was changed to 2:1. As a result, normalized score increased from 62 to 65. 08/05/2010: Recommended for waterside repair, per CLRO; "water velocity is a major factor for accelerating bank slope erosion." 8/12/2009: Near-vertical bank erosion; degrading channel is incising the banks; recommend annual assessment and monitoring of critical erosion site, per CLRO CES Evaluation 2008 Report; district is monitoring site for changes in condition; site was previously rated "U". 2007: Visited site 02/06/2007; possible critical site. [2013 Site ID:NA0017U15RM22.91]					

Photo 1 of 1 : pkazi_s_20140415_342.jpg



Looking upstream.

LM Start	0.53	Rating **	M	Issue No.	13
LM End	0.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.047748 °	38.047748 °
				-121.018806 °	-121.018806 °
DWR ID	DWR_NA0017_15_s_2014_13				
Action/Comments					
Pole					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	0.66	Rating **	M	Issue No.	22
LM End	3.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.046884 °	38.026892 °
				-121.020853 °	-121.053947 °
DWR ID	DWR_NA0017_15_s_2014_22				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140502_933.jpg



Vegetation on the waterside of the levee looking downstream.

LM Start	0.77	Rating **	M	Issue No.	23
LM End	2.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.046223 °	38.028425 °
				-121.022551 °	-121.051040 °
DWR ID	DWR_NA0017_15_s_2014_23				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.87	Rating **	M	Issue No.	4
LM End	0.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.045390 °	38.045390 °
				-121.024111 °	-121.024111 °
DWR ID	DWR_NA0017_15_f_2013_4				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140415_339.jpg



Slope instability was found on the waterside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	1.47	Rating **	N	Issue No.	1128
LM End	1.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.040188 °	38.040188 °
				-121.031854 °	-121.031854 °
DWR ID	DWR_NA0017_15_s_2012_1128				
Action/Comments					
Tree stumps.					

No Photos

LM Start	1.52	Rating **	M	Issue No.	995
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.040202 °	38.040202 °
				-121.032659 °	-121.032659 °
DWR ID	DWR_NA0017_15_s_2012_995				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: The LMA was working on fixing the erosion site using an excavator during the inspection.					

Photo 1 of 1 : pkazi_s_20140415_455.jpg



View of erosion of waterward levee slope looking upstream.

LM Start	2.09	Rating **	M	Issue No.	5
LM End	2.09	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.036299 °	38.036299 °
				-121.041091 °	-121.041091 °
DWR ID	DWR_NA0017_15_f_2012_5				
Action/Comments					
Pipe Inspector Comments: Abandon pipe on the waterside toe of the levee.					

Photo 1 of 1 : pkazi_s_20140415_340.jpg



View of an open abandoned pipe at the waterside toe of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	2.09	Rating **	M	Issue No.	18
LM End	2.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.036294 °	38.036294 °
				-121.041089 °	-121.041089 °
DWR ID	DWR_NA0017_15_s_2012_18				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : pkazi_s_20140415_348.jpg



Slope instability was found on the waterside toe of the levee looking downstream.

LM Start	2.09	Rating **	M	Issue No.	18 (cont)
LM End	2.09	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_349.jpg



Updated picture of the slope instability at the waterside slope of the levee looking upstream.

LM Start	2.42	Rating **	C	Issue No.	36
LM End	2.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.032924 °	38.031417 °
				-121.045182 °	-121.047076 °
DWR ID	DWR_NA0017_15_s_2012_36				
Action/Comments					
Agricultural tilling					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	2.43	Rating **	C	Issue No.	35
LM End	2.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.032807 °	38.032807 °
				-121.045377 °	-121.045377 °
DWR ID	DWR_NA0017_15_s_2012_35				
Action/Comments					
Equipment					

No Photos

LM Start	2.59	Rating **	M	Issue No.	47
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.031234 °	38.031234 °
				-121.047254 °	-121.047254 °
DWR ID	DWR_NA0017_15_s_2012_47				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140415_379.jpg



Slope instability was found on the landside slope of the levee looking downstream.

LM Start	2.59	Rating **	M	Issue No.	29
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.031185 °	38.031185 °
				-121.047296 °	-121.047296 °
DWR ID	DWR_NA0017_15_s_2014_29				
Action/Comments					
Prunings					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	2.59	Rating **	M	Issue No.	39
LM End	2.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.031185 °	38.031185 °
				-121.047296 °	-121.047296 °
DWR ID	DWR_NA0017_15_s_2014_39				
Action/Comments					
Crops					

No Photos

LM Start	2.68	Rating **	M	Issue No.	27
LM End	2.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.030252 °	38.030252 °
				-121.048311 °	-121.048311 °
DWR ID	DWR_NA0017_15_s_2012_27				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140415_358.jpg



Slope instability was found on the landside of the levee. The picture was taken from the crown looking downstream.

LM Start	2.68	Rating **	M	Issue No.	66
LM End	2.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.030173 °	38.029949 °
				-121.048432 °	-121.048732 °
DWR ID	DWR_NA0017_15_s_2012_66				
Action/Comments					
Building Inspector Comments: Retaining wall at toe of slope & irrigation recently placed.					

Photo 1 of 2 : pkazi_s_20140415_391.jpg



Recently built retaining wall at toe of landside levee at LM 2.68.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	2.68	Rating **	M	Issue No.	66 (cont)
LM End	2.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.030173 °	38.029949 °
				-121.048432 °	-121.048732 °
DWR ID	DWR_NA0017_15_s _ 2012_66				
Action/Comments					
Building Inspector Comments: Retaining wall at toe of slope & irrigation recently placed.					

Photo 2 of 2 : pkazi_s_20140415_392.jpg



Updated view as of spring 2009. Landscaping and irrigation have been added at the toe of the levee.

LM Start	2.73	Rating **	M	Issue No.	3
LM End	2.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.030185 °	38.030185 °
				-121.049397 °	-121.049397 °
DWR ID	DWR_NA0017_15_s _ 2012_3				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_338.jpg



Landscape was found on the landside of the levee looking downstream.

LM Start	2.74	Rating **	M	Issue No.	959
LM End	2.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.029641 °	38.029505 °
				-121.049165 °	-121.049372 °
DWR ID	DWR_NA0017_15_s _ 2012_959				
Action/Comments					
Building Inspector Comments: Retaining wall at landside toe of levee.					

Photo 1 of 1 : pkazi_s_20140415_452.jpg



View of retaining wall and landscaping along the landward toe of the levee.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	2.87	Rating **	A/W	Issue No.	49
LM End	2.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.028426 °	38.028426 °
				-121.051040 °	-121.051040 °
DWR ID	DWR_NA0017_15_s_2014_49				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

LM Start	3.08	Rating **	C	Issue No.	6
LM End	3.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.026804 °	38.026804 °
				-121.054041 °	-121.054041 °
DWR ID	DWR_NA0017_15_f_2013_6				
Action/Comments					
Prunings					

No Photos

LM Start	3.22	Rating **	C	Issue No.	10
LM End	3.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.025391 °	38.025391 °
				-121.055826 °	-121.055826 °
DWR ID	DWR_NA0017_15_s_2013_10				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	3.40	Rating **	M	Issue No.	12
LM End	3.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.023817 °	38.023817 °
				-121.058465 °	-121.058465 °
DWR ID	DWR_NA0017_15_s _ 2012_12				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140415_344.jpg



Burn pile and new material was placed at the toe of the landside of the levee. The picture was taken from the crown looking downstream.

LM Start	3.50	Rating **	C	Issue No.	11
LM End	3.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.022901 °	38.022901 °
				-121.059785 °	-121.059785 °
DWR ID	DWR_NA0017_15_s _ 2013_11				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	3.61	Rating **	A/W	Issue No.	14
LM End	3.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.021811 °	38.021811 °
				-121.061054 °	-121.061054 °
DWR ID	DWR_NA0017_15_s _ 2013_14				
Action/Comments					
Prunings					
Inspector Comments: The pit was repaired by the LMA but the pruning still exists. The burn pile is away from the levee prism.					

Photo 1 of 1 : pkazi_s_20140415_345.jpg



Prunings were found on the landside toe of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	3.62	Rating **	M	Issue No.	54
LM End	3.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.021601 °	38.021601 °
				-121.061284 °	-121.061284 °
DWR ID	DWR_NA0017_15_s_2012_54				
Action/Comments					
Pipe Inspector Comments: A recently placed pipe in the waterward slope may be leaking and was not authorized.					

Photo 1 of 1 : pkazi_s_20140415_382.jpg



View of a recently placed pipe in the waterward slope looking downstream.

LM Start	3.64	Rating **	M	Issue No.	17
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.021468 °	38.021468 °
				-121.061442 °	-121.061442 °
DWR ID	DWR_NA0017_15_f_2013_17				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_347.jpg



An animal hole was found on the waterside slope of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	3.81	Rating **	A/W	Issue No.	42
LM End	3.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.019623 °	38.019623 °
				-121.063492 °	-121.063492 °
DWR ID	DWR_NA0017_15_f_2012_42				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140415_371.jpg



Erosion was found on the waterside slope of the levee looking downstream.

LM Start	3.86	Rating **	M	Issue No.	43
LM End	3.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.019119 °	38.019119 °
				-121.064034 °	-121.064034 °
DWR ID	DWR_NA0017_15_f_2012_43				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : pkazi_s_20140415_372.jpg



Slope instability was found on the landside slope of the levee looking downstream.

LM Start	3.86	Rating **	M	Issue No.	43 (cont)
LM End	3.86	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_373.jpg



Updated picture of the slope instability on the waterside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	3.97	Rating **	M	Issue No.	44
LM End	3.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.017945 °	38.017945 °
				-121.065295 °	-121.065295 °
DWR ID	DWR_NA0017_15_f_2012_44				
Action/Comments					
Repair slope instability.					

Photo 1 of 4 : pkazi_s_20140415_376.jpg



Updated picture of the slope instability on the waterside slope of the levee looking downstream during fall 2013 inspection.

Photo 2 of 4 : pkazi_s_20140505_934.jpg



Updated picture of the slope instability on the waterside slope of the levee looking downstream during spring 2014 inspection.

Photo 3 of 4 : pkazi_s_20140415_375.jpg



Updated picture of the slope instability on the waterside slope of the levee looking downstream.

LM Start	3.97	Rating **	M	Issue No.	44 (cont)
LM End	3.97	Issue Type +	Ma	Location *	WS

LM Start	3.97	Rating **	M	Issue No.	44 (cont)
LM End	3.97	Issue Type +	Ma	Location *	WS

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	3.97	Rating **	M	Issue No.	44 (cont)	
LM End	3.97	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.017945 °		38.017945 °
				-121.065295 °		-121.065295 °
DWR ID	DWR_NA0017_15_f_2012_44					
Action/Comments						
Repair slope instability.						

Photo 4 of 4 : pkazi_s_20140415_374.jpg



Slope instability was found on the landside slope of the levee looking downstream.

LM Start	4.13	Rating **	M	Issue No.	16
LM End	4.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.016209 °	38.015833 °
				-121.067111 °	-121.067185 °
DWR ID	DWR_NA0017_15_s_2012_16				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_346.jpg



Landscape was blocking the visibility on the landside of the levee looking downstream.

LM Start	4.21	Rating **	C	Issue No.	28
LM End	4.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.015042 °	38.015042 °
				-121.067455 °	-121.067455 °
DWR ID	DWR_NA0017_15_f_2013_28				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	4.28	Rating **	M	Issue No.	61
LM End	4.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.014110 °	38.014110 °
				-121.067899 °	-121.067899 °
DWR ID	DWR_NA0017_15_s_2014_61				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					
Inspector Comments: Runoff					

No Photos

LM Start	4.29	Rating **	M	Issue No.	19
LM End	4.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.014025 °	38.014025 °
				-121.067983 °	-121.067983 °
DWR ID	DWR_NA0017_15_s_2012_19				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 2 : pkazi_s_20140415_350.jpg



Example of a prunings pile immediately adjacent to access road at LM 4.29. Evidence of habitual burnings at this site.

LM Start	4.29	Rating **	M	Issue No.	19 (cont)
LM End	4.29	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : pkazi_s_20140415_351.jpg



Updated picture of the prunings pile on the landside of the levee looking downstream during fall 2013 inspection.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	4.41	Rating **	M	Issue No.	33
LM End	4.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.012471 °	38.012471 °
				-121.068662 °	-121.068662 °
DWR ID	DWR_NA0017_15_f_2013_33				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140415_363.jpg



Slope instability was found on the waterside slope of the levee looking downstream.

LM Start	4.44	Rating **	U	Issue No.	124
LM End	4.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.012910 °	38.012910 °
				-121.067996 °	-121.067996 °
DWR ID	DWR_NA0017_15_s_2013_124				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Picture was taken from the other side of the levee.					

Photo 1 of 1 : pkazi_s_20140415_436.jpg



An animal hole was found on the waterside slope of the levee. The picture was taken from the opposite side of the levee.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	4.73	Rating **	M	Issue No.	96
LM End	4.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.008053 °	38.008053 °
				-121.070141 °	-121.070141 °
DWR ID	DWR_NA0017_15_s_2012_96				
Action/Comments					
Note and monitor erosion site.					
Inspector Comments: LMA has fixed the issue but the riprap has rebar which would can be dangerous during the flood fighting efforts.					

Photo 1 of 3 : pkazi_s_20140415_417.jpg



Updated picture of the slope instability on the waterside slope of the levee looking downstream during spring 2013 inspection.

Photo 2 of 3 : pkazi_s_20140415_416.jpg



The LMA has fixed the erosion on the landside slope of the levee but the riprap contains exposed rebar which could be dangerous during a flood fight.

LM Start	4.73	Rating **	M	Issue No.	96 (cont)
LM End	4.73	Issue Type +	Ma	Location *	WS

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	4.73	Rating **	M	Issue No.	96 (cont)
LM End	4.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.008053 °	38.008053 °
				-121.070141 °	-121.070141 °
DWR ID	DWR_NA0017_15_s _ 2012_96				
Action/Comments					
Note and monitor erosion site.					

Photo 3 of 3 : pkazi_s_20140415_415.jpg



Erosion was found on the waterside slope of the levee looking downstream.

LM Start	4.80	Rating **	C	Issue No.	100
LM End	4.80	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.007020 °	38.007020 °
				-121.070473 °	-121.070473 °
DWR ID	DWR_NA0017_15_s _ 2012_100				
Action/Comments					
Debris					

No Photos

LM Start	4.96	Rating **	M	Issue No.	20
LM End	4.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.005302 °	38.005302 °
				-121.071867 °	-121.071867 °
DWR ID	DWR_NA0017_15_s _ 2012_20				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_352.jpg



View of equipment along the landward slope looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	4.96	Rating **	M	Issue No.	21
LM End	4.96	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.005300 °	38.005300 °
				-121.071863 °	-121.071863 °
DWR ID	DWR_NA0017_15_s_2012_21				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_353.jpg



View of equipment along the waterward side of the levee crown looking downstream.

LM Start	4.97	Rating **	M	Issue No.	74
LM End	4.97	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.005040 °	38.005040 °
				-121.071886 °	-121.071886 °
DWR ID	DWR_NA0017_15_s_2012_74				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140415_399.jpg



View of prunings pile along the waterward side of the crown looking downstream.

LM Start	5.14	Rating **	M	Issue No.	1009
LM End	5.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.003021 °	38.003021 °
				-121.073658 °	-121.073658 °
DWR ID	DWR_NA0017_15_s_2012_1009				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140415_456.jpg



View of a slip in the waterward levee slope looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	5.26	Rating **	A/W	Issue No.	142
LM End	11.17	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.001608 °	37.961947 °
				-121.074935 °	-121.159963 °
DWR ID	DWR_NA0017_15_s_2012_142				
Action/Comments					
Material					
Inspector Comments: This portion of the unit contains a non-project levee. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "A/W."					

No Photos

LM Start	5.37	Rating **	M	Issue No.	111
LM End	5.37	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.000297 °	38.000297 °
				-121.076113 °	-121.076113 °
DWR ID	DWR_NA0017_15_s_2012_111				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_427.jpg



Equipment was found on the waterside of the levee looking downstream.

LM Start	5.38	Rating **	M	Issue No.	24
LM End	5.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.000308 °	37.999502 °
				-121.076133 °	-121.076835 °
DWR ID	DWR_NA0017_15_s_2012_24				
Action/Comments					
Building					

Photo 1 of 1 : pkazi_s_20140415_354.jpg



Building located immediately adjacent to access road approximately from LM 5.38 to 5.45

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	5.42	Rating **	M	Issue No.	1012
LM End	5.42	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.999718 °	37.999718 °
				-121.076665 °	-121.076665 °
DWR ID	DWR_NA0017_15_s_2012_1012				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_457.jpg



View of landscaping planted along the waterward side of the access road impacting visibility and the ability to floodfight looking downstream.

LM Start	5.60	Rating **	M	Issue No.	1014
LM End	5.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.997619 °	37.997043 °
				-121.078405 °	-121.078972 °
DWR ID	DWR_NA0017_15_s_2012_1014				
Action/Comments					
Material Inspector Comments: Walnut piles on waterward shoulder.					

Photo 1 of 2 : pkazi_s_20140415_458.jpg



View of discarded nut shells placed along the waterward slope to be burned looking downstream.

LM Start	5.60	Rating **	M	Issue No.	1014 (cont)
LM End	5.65	Issue Type +	En	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_459.jpg



In addition to the walnut piles, there were rocks and debris were found at the landside shoulder of the levee looking downstream.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	5.69	Rating **	M	Issue No.	26
LM End	5.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.996601 °	37.996601 °
				-121.079401 °	-121.079401 °
DWR ID	DWR_NA0017_15_s_2013_26				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and					

Photo 1 of 1 : pkazi_s_20140415_357.jpg



An animal hole was found on the waterside slope of the levee looking upstream.

LM Start	5.74	Rating **	M	Issue No.	64
LM End	5.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.996022 °	37.996022 °
				-121.079919 °	-121.079919 °
DWR ID	DWR_NA0017_15_s_2014_64				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	5.76	Rating **	M	Issue No.	25
LM End	5.86	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.995733 °	37.994670 °
				-121.080102 °	-121.081207 °
DWR ID	DWR_NA0017_15_s_2012_25				
Action/Comments					
Debris					

Photo 1 of 2 : pkazi_s_20140415_355.jpg



Broken concrete pipes and other debris were found on the waterside of the levee. The picture was taken from the crown looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	5.76	Rating **	M	Issue No.	25 (cont)
LM End	5.86	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.995733 °	37.994670 °
				-121.080102 °	-121.081207 °
DWR ID	DWR_NA0017_15_s _ 2012_25				
Action/Comments					
Debris					

Photo 2 of 2 : pkazi_s_20140415_356.jpg



Debris were still on the waterside of the levee looking downstream. This picture was taken during Spring 2012 inspection.

LM Start	5.77	Rating **	M	Issue No.	70
LM End	5.77	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.995700 °	37.995700 °
				-121.080226 °	-121.080226 °
DWR ID	DWR_NA0017_15_s _ 2014_70				
Action/Comments					
Prunings					

No Photos

LM Start	5.77	Rating **	M	Issue No.	30
LM End	5.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.995679 °	37.995679 °
				-121.080267 °	-121.080267 °
DWR ID	DWR_NA0017_15_s _ 2013_30				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : pkazi_s_20140415_360.jpg



Animal holes were found on the waterside slope of the levee looking downstream.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	5.77	Rating **	M	Issue No.	30 (cont)
LM End	5.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.995679 °	37.995679 °
				-121.080267 °	-121.080267 °
DWR ID	DWR_NA0017_15_s_2013_30				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 2 of 2 : pkazi_s_20140415_361.jpg



Updated picture of the animal holes on the waterside of the levee looking downstream.

LM Start	5.86	Rating **	M	Issue No.	31
LM End	5.86	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.994669 °	37.994669 °
				-121.081245 °	-121.081245 °
DWR ID	DWR_NA0017_15_s_2013_31				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_362.jpg



Prunings were found on the waterside slope of the levee looking downstream.

LM Start	5.91	Rating **	C	Issue No.	59
LM End	5.91	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.994117 °	37.994117 °
				-121.081633 °	-121.081633 °
DWR ID	DWR_NA0017_15_f_2013_59				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	5.95	Rating **	M	Issue No.	84
LM End	6.05	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.993554 °	37.992476 °
				-121.082192 °	-121.083241 °
DWR ID	DWR_NA0017_15_s_2012_84				
Action/Comments					
Material					

Photo 1 of 1 : pkazi_s_20140415_406.jpg



Materials were found on the waterside slope of the levee looking downstream.

LM Start	6.12	Rating **	M	Issue No.	41
LM End	6.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.991648 °	37.991648 °
				-121.083924 °	-121.083924 °
DWR ID	DWR_NA0017_15_s_2013_41				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_370.jpg



An animal hole was found on the waterside slope of the levee looking upstream.

LM Start	6.20	Rating **	M	Issue No.	116
LM End	6.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.990773 °	37.990773 °
				-121.084706 °	-121.084706 °
DWR ID	DWR_NA0017_15_s_2012_116				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_430.jpg



Animal holes were found on the waterside of the levee looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	6.30	Rating **	M	Issue No.	75
LM End	6.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.989630 °	37.989630 °
				-121.085754 °	-121.085754 °
DWR ID	DWR_NA0017_15_s_2014_75				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140505_936.jpg



A rodent hole was found on the waterside shoulder of the levee looking downstream.

LM Start	6.49	Rating **	C	Issue No.	60
LM End	6.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.987397 °	37.987397 °
				-121.087775 °	-121.087775 °
DWR ID	DWR_NA0017_15_f_2013_60				
Action/Comments					
Prunings					

No Photos

LM Start	6.57	Rating **	M	Issue No.	67
LM End	6.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.986503 °	37.986503 °
				-121.088477 °	-121.088477 °
DWR ID	DWR_NA0017_15_f_2013_67				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_393.jpg



Rodent holes were found on the landside of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	6.57	Rating **	M	Issue No.	81
LM End	6.57	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.986522 °	37.986522 °
				-121.088510 °	-121.088510 °
DWR ID	DWR_NA0017_15_s_2014_81				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140505_937.jpg



A rodent hole was found on the crown of the levee looking upstream.

LM Start	6.59	Rating **	M	Issue No.	98
LM End	6.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.986225 °	37.986225 °
				-121.088704 °	-121.088704 °
DWR ID	DWR_NA0017_15_f_2012_98				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_418.jpg



Prunings were found on the landside of the levee looking downstream.

LM Start	6.61	Rating **	M	Issue No.	90
LM End	6.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.986018 °	37.986018 °
				-121.088877 °	-121.088877 °
DWR ID	DWR_NA0017_15_s_2012_90				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_410.jpg



View of rodent activity in the landward slope looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	6.72	Rating **	M	Issue No.	82
LM End	6.72	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.984696 °	37.984696 °
				-121.090054 °	-121.090054 °
DWR ID	DWR_NA0017_15_s_2014_82				
Action/Comments					
Pipe					

Photo 1 of 1 : pkazi_s_20140505_938.jpg



An abandon pipe was found on the waterside slope of the levee looking downstream.

LM Start	6.75	Rating **	A/W	Issue No.	79
LM End	6.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.984518 °	37.983260 °
				-121.090267 °	-121.092022 °
DWR ID	DWR_NA0017_15_s_2012_79				
Action/Comments					
Note and monitor erosion site.					
Inspector Comments: Farmer tilling & driving onto levee, causing erosion.					

No Photos

LM Start	6.79	Rating **	M	Issue No.	105
LM End	6.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.984100 °	37.984100 °
				-121.090772 °	-121.090772 °
DWR ID	DWR_NA0017_15_s_2014_105				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140505_939.jpg



Rodent holes were found on the landside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	6.80	Rating **	M	Issue No.	108
LM End	6.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.983930 °	37.983930 °
				-121.091021 °	-121.091021 °
DWR ID	DWR_NA0017_15_s_2014_108				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	6.81	Rating **	C	Issue No.	72
LM End	6.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.983773 °	37.983773 °
				-121.091180 °	-121.091180 °
DWR ID	DWR_NA0017_15_f_2013_72				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

LM Start	6.86	Rating **	M	Issue No.	113
LM End	6.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.983511 °	37.983511 °
				-121.091645 °	-121.091645 °
DWR ID	DWR_NA0017_15_s_2014_113				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140505_940.jpg



A rodent hole was found on the landside shoulder of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	6.89	Rating **	M	Issue No.	91
LM End	6.89	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.983109 °	37.983109 °
				-121.092251 °	-121.092251 °
DWR ID	DWR_NA0017_15_s_2012_91				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_411.jpg



Prunings were found on the waterside shoulder of the levee looking downstream.

LM Start	7.09	Rating **	M	Issue No.	51
LM End	7.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.981517 °	37.981517 °
				-121.095061 °	-121.095061 °
DWR ID	DWR_NA0017_15_s_2013_51				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140415_380.jpg



An agricultural ditch was found on the landside toe of the levee looking upstream.

LM Start	7.11	Rating **	M	Issue No.	115
LM End	7.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981387 °	37.979749 °
				-121.095370 °	-121.099178 °
DWR ID	DWR_NA0017_15_s_2014_115				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : pkazi_s_20140505_941.jpg



Tree limbs were obstructing the visibility of the crown of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	7.36	Rating **	M	Issue No.	102
LM End	7.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979612 °	37.979612 °
				-121.099390 °	-121.099390 °
DWR ID	DWR_NA0017_15_s_2012_102				
Action/Comments					
Debris					

Photo 1 of 1 : pkazi_s_20140415_421.jpg



Debris was found on the waterside slope of the levee looking downstream.

LM Start	7.98	Rating **	A/W	Issue No.	144
LM End	7.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.974829 °	37.974829 °
				-121.108405 °	-121.108405 °
DWR ID	DWR_NA0017_15_s_2012_144				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_440.jpg



Equipment was left by the farmers on the landside of the levee. The picture was taken from crown looking toward the landside of the levee.

LM Start	8.06	Rating **	M	Issue No.	104
LM End	8.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.974304 °	37.974304 °
				-121.109625 °	-121.109625 °
DWR ID	DWR_NA0017_15_s_2012_104				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 2 : pkazi_s_20140415_422.jpg



View of arrundo on the waterward shoulder and slope blocking visibility looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	8.06	Rating **	M	Issue No.	104 (cont)
LM End	8.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.974304 °	37.974304 °
				-121.109625 °	-121.109625 °
DWR ID	DWR_NA0017_15_s_2012_104				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 2 of 2 : pkazi_s_20140415_423.jpg



Updated picture of the Arundo on the waterside slope of the levee looking downstream.

LM Start	8.24	Rating **	M	Issue No.	34
LM End	8.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.972823 °	37.972823 °
				-121.112400 °	-121.112400 °
DWR ID	DWR_NA0017_15_s_2012_34				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_364.jpg



Prunings were found on the landside of the levee looking downstream.

LM Start	8.28	Rating **	M	Issue No.	122
LM End	8.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.972590 °	37.972590 °
				-121.112938 °	-121.112938 °
DWR ID	DWR_NA0017_15_s_2014_122				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140505_942.jpg



A rodent hole was found on the waterside of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	8.36	Rating **	M	Issue No.	123
LM End	9.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.971587 °	37.967121 °
				-121.113693 °	-121.124999 °
DWR ID	DWR_NA0017_15_s_2014_123				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	8.43	Rating **	M	Issue No.	125
LM End	8.43	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.969711 °	37.969711 °
				-121.116739 °	-121.116739 °
DWR ID	DWR_NA0017_15_s_2014_125				
Action/Comments					
Inspector Comments: 09/12/2013: The erosion has been caused by runoff. [2013 Site ID:NA0017U15RM14.49]					

Photo 1 of 1 : pkazi_s_20140415_437.jpg



Looking down at the erosion from the levee crest.

LM Start	8.47	Rating **	C	Issue No.	1148
LM End	8.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.970371 °	37.970094 °
				-121.114559 °	-121.114945 °
DWR ID	DWR_NA0017_15_s_2012_1148				
Action/Comments					
Prunings					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	8.49	Rating **	M	Issue No.	62
LM End	8.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.970147 °	37.970147 °
				-121.114849 °	-121.114849 °
DWR ID	DWR_NA0017_15_s_2013_62				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_387.jpg



An animal hole was found on the landside slope of the levee looking downstream.

LM Start	8.58	Rating **	M	Issue No.	63
LM End	8.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.969813 °	37.969813 °
				-121.116192 °	-121.116192 °
DWR ID	DWR_NA0017_15_s_2013_63				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_388.jpg



Prunings were found on the landside of the levee looking downstream.

LM Start	8.61	Rating **	M	Issue No.	65
LM End	8.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.969748 °	37.969748 °
				-121.116767 °	-121.116767 °
DWR ID	DWR_NA0017_15_s_2013_65				
Action/Comments					
Repair slope instability.					

Photo 1 of 3 : pkazi_s_20140415_390.jpg



Updated picture of the slope instability on the waterside of the levee looking downstream during fall 2013 inspection.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	8.61	Rating **	M	Issue No.	65 (cont)	
LM End	8.61	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			37.969748 °	37.969748 °	
				-121.116767 °	-121.116767 °	
DWR ID	DWR_NA0017_15_s_2013_65					
Action/Comments						
Repair slope instability.						

Photo 2 of 3 : pkazi_s_20140505_945.jpg



Updated picture of the slope instability on the waterside of the levee looking downstream during spring 2014 inspection.

LM Start	8.61	Rating **	M	Issue No.	65 (cont)
LM End	8.61	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : pkazi_s_20140415_389.jpg



A slope instability was found on the waterside slope of the levee looking downstream.

LM Start	8.64	Rating **	C	Issue No.	120
LM End	8.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.969670 °	37.969670 °
				-121.117316 °	-121.117316 °
DWR ID	DWR_NA0017_15_f_2012_120				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	8.66	Rating **	M	Issue No.	982
LM End	8.66	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.969611 °	37.969611 °
				-121.117650 °	-121.117650 °
DWR ID	DWR_NA0017_15_s _ 2012_982				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140415_453.jpg



Prunings were found on the waterside slope of the levee looking upstream.

LM Start	8.68	Rating **	A/W	Issue No.	37
LM End	8.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.969550 °	37.969391 °
				-121.117927 °	-121.118277 °
DWR ID	DWR_NA0017_15_s _ 2012_37				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_367.jpg



Remove equipment from landside slope of levee at from LM 8.68 to LM 8.70.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	8.72	Rating **	M	Issue No.	83
LM End	8.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.969305 °	37.969305 °
				-121.118664 °	-121.118664 °
DWR ID	DWR_NA0017_15_s_2012_83				
Action/Comments					
Building					

Photo 1 of 1 : pkazi_s_20140415_405.jpg



Building, fence and landscaping immediately adjacent to the access road at LM 8.72.

LM Start	8.80	Rating **	A/W	Issue No.	38
LM End	8.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.969133 °	37.969133 °
				-121.119957 °	-121.119957 °
DWR ID	DWR_NA0017_15_s_2012_38				
Action/Comments					
Equipment					

No Photos

LM Start	9.59	Rating **	M	Issue No.	121
LM End	9.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.967155 °	37.967155 °
				-121.133277 °	-121.133277 °
DWR ID	DWR_NA0017_15_f_2012_121				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140415_435.jpg



A slope instability was found on the waterside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	9.63	Rating **	U	Issue No.	40
LM End	9.63	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.967017 °	37.967017 °
				-121.133863 °	-121.133863 °
DWR ID	DWR_NA0017_15_s _ 2012_40				
Action/Comments					
Building					

Photo 1 of 2 : pkazi_s_20140415_368.jpg



Building located at LM 9.63 on waterside of access road. This building appears to be recently constructed and does not currently contain anything.

LM Start	9.63	Rating **	U	Issue No.	40 (cont)
LM End	9.63	Issue Type +	En	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_369.jpg



Additional view of building at LM 9.63.

LM Start	9.76	Rating **	U	Issue No.	136
LM End	9.76	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.966230 °	37.966230 °
				-121.136215 °	-121.136215 °
DWR ID	DWR_NA0017_15_s _ 2012_136				
Action/Comments					
Pipe					

Photo 1 of 1 : pkazi_s_20140415_438.jpg



A perforated PVC pipe was found on the waterside slope of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	10.01	Rating **	M	Issue No.	147
LM End	10.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.965314 °	37.965314 °
				-121.140296 °	-121.140296 °
DWR ID	DWR_NA0017_15_s_2012_147				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_442.jpg



Prunings were found on the waterside shoulder of the levee looking downstream.

LM Start	10.04	Rating **	M	Issue No.	126
LM End	10.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.965343 °	37.965343 °
				-121.140761 °	-121.140761 °
DWR ID	DWR_NA0017_15_s_2014_126				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140505_946.jpg



View of rodent holes on the waterside of the levee looking upstream.

LM Start	10.08	Rating **	C	Issue No.	73
LM End	10.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.965263 °	37.965263 °
				-121.141524 °	-121.141524 °
DWR ID	DWR_NA0017_15_f_2013_73				
Action/Comments					
Debris					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	10.11	Rating **	M	Issue No.	68
LM End	10.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.965165 °	37.965165 °
				-121.141928 °	-121.141928 °
DWR ID	DWR_NA0017_15_s_2013_68				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140415_394.jpg



Slope instability was found on the waterside slope of the levee looking downstream.

LM Start	10.19	Rating **	C	Issue No.	69
LM End	10.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.965095 °	37.965095 °
				-121.143411 °	-121.143411 °
DWR ID	DWR_NA0017_15_s_2013_69				
Action/Comments					
Debris					

No Photos

LM Start	10.35	Rating **	M	Issue No.	87
LM End	10.35	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.965055 °	37.965055 °
				-121.146293 °	-121.146293 °
DWR ID	DWR_NA0017_15_s_2012_87				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140505_947.jpg



Prunings were found on the crown of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	10.62	Rating **	M	Issue No.	78
LM End	10.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.964942 °	37.964942 °
				-121.151073 °	-121.151073 °
DWR ID	DWR_NA0017_15_s_2012_78				
Action/Comments					
Prunings					

Photo 1 of 2 : pkazi_s_20140415_402.jpg



View of the prunings pile on the waterward slope looking downstream.

LM Start	10.62	Rating **	M	Issue No.	78 (cont)
LM End	10.62	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_403.jpg



Prunings were found on the waterside of the levee looking downstream.

LM Start	10.76	Rating **	C	Issue No.	1028
LM End	10.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.964562 °	37.964562 °
				-121.153542 °	-121.153542 °
DWR ID	DWR_NA0017_15_s_2012_1028				
Action/Comments					
Prunings					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	11.00	Rating **	M	Issue No.	106
LM End	11.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.963319 °	37.963319 °
				-121.157557 °	-121.157557 °
DWR ID	DWR_NA0017_15_s_2012_106				
Action/Comments					
Prunings					
Inspector Comments: Prunings and ashes piled at the toe.					

No Photos

LM Start	11.05	Rating **	M	Issue No.	145
LM End	11.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.962984 °	37.962984 °
				-121.158332 °	-121.158332 °
DWR ID	DWR_NA0017_15_f_2012_145				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : pkazi_s_20140505_948.jpg



Updated picture of the rodent holes on the waterside of the levee looking upstream.

LM Start	11.05	Rating **	M	Issue No.	145 (cont)
LM End	11.05	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_441.jpg



An animal hole was found on the waterside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	11.06	Rating **	M	Issue No.	137
LM End	11.06	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.962885 °	37.962885 °
				-121.158509 °	-121.158509 °
DWR ID	DWR_NA0017_15_s_2012_137				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_439.jpg



Prunings were found on the waterside of the levee looking downstream.

LM Start	11.58	Rating **	M	Issue No.	150
LM End	11.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.960824 °	37.960824 °
				-121.166996 °	-121.166996 °
DWR ID	DWR_NA0017_15_s_2012_150				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_443.jpg



Equipment on the landside of the levee. The picture was taken from the crown looking downstream.

LM Start	11.60	Rating **	M	Issue No.	127
LM End	11.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.960797 °	37.960810 °
				-121.167255 °	-121.169280 °
DWR ID	DWR_NA0017_15_s_2014_127				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	11.61	Rating **	M	Issue No.	109
LM End	11.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.960762 °	37.960762 °
				-121.167528 °	-121.167528 °
DWR ID	DWR_NA0017_15_s_2012_109				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_425.jpg



View of cactus within 10 feet of the landward toe blocking visibility and access.

LM Start	11.82	Rating **	A/W	Issue No.	138
LM End	11.82	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.961133 °	37.961133 °
				-121.171322 °	-121.171322 °
DWR ID	DWR_NA0017_15_s_2012_138				
Action/Comments					
Environmental Requirements.					

No Photos

LM Start	12.08	Rating **	M	Issue No.	989
LM End	12.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.961901 °	37.961901 °
				-121.175973 °	-121.175973 °
DWR ID	DWR_NA0017_15_s_2012_989				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140415_454.jpg



Prunings were found on the landside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	12.21	Rating **	M	Issue No.	45
LM End	12.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.961945 °	37.961945 °
				-121.178268 °	-121.178268 °
DWR ID	DWR_NA0017_15_s_2012_45				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140415_377.jpg



Prunings were found on the landside of the levee looking downstream.

LM Start	12.82	Rating **	M	Issue No.	46
LM End	12.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.961012 °	37.961012 °
				-121.189067 °	-121.189067 °
DWR ID	DWR_NA0017_15_s_2012_46				
Action/Comments					
Prunings Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140415_378.jpg



Prunings were found on the waterside of the levee looking downstream.

LM Start	12.99	Rating **	C	Issue No.	1152
LM End	12.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.960718 °	37.960718 °
				-121.191994 °	-121.191994 °
DWR ID	DWR_NA0017_15_s_2012_1152				
Action/Comments					
Prunings					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	13.08	Rating **	C	Issue No.	152
LM End	13.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.960190 °	37.960190 °
				-121.193537 °	-121.193537 °
DWR ID	DWR_NA0017_15_s_2012_152				
Action/Comments					
Prunings					

No Photos

LM Start	13.25	Rating **	M	Issue No.	114
LM End	13.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.961002 °	37.961002 °
				-121.196155 °	-121.196155 °
DWR ID	DWR_NA0017_15_s_2012_114				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_429.jpg



Equipment was found on the landside toe of the levee looking downstream.

LM Start	13.26	Rating **	C	Issue No.	76
LM End	13.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.961092 °	37.961092 °
				-121.196480 °	-121.196480 °
DWR ID	DWR_NA0017_15_f_2013_76				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	13.58	Rating **	C	Issue No.	117
LM End	13.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.960527 °	37.960527 °
				-121.201906 °	-121.201906 °
DWR ID	DWR_NA0017_15_s_2012_117				
Action/Comments					
Prunings					

No Photos

LM Start	14.21	Rating **	C	Issue No.	77
LM End	14.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.965144 °	37.965144 °
				-121.211600 °	-121.211600 °
DWR ID	DWR_NA0017_15_f_2013_77				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	14.95	Rating **	M	Issue No.	1039
LM End	15.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.970850 °	37.973212 °
				-121.222724 °	-121.228395 °
DWR ID	DWR_NA0017_15_s_2012_1039				
Action/Comments					
Ditch					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	15.71	Rating **	C	Issue No.	85
LM End	15.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.975868 °	37.975868 °
				-121.234860 °	-121.234860 °
DWR ID	DWR_NA0017_15_f_2013_85				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	15.72	Rating **	M	Issue No.	32
LM End	15.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.975959 °	37.975959 °
				-121.235058 °	-121.235058 °
DWR ID	DWR_NA0017_15_s_2014_32				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140505_949.jpg



A rodent hole was found on the waterside of the levee looking downstream.

LM Start	15.73	Rating **	M	Issue No.	71
LM End	15.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.976000 °	37.976000 °
				-121.235156 °	-121.235156 °
DWR ID	DWR_NA0017_15_s_2013_71				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_396.jpg



An animal hole was found on the landside slope of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	16.08	Rating **	M	Issue No.	80
LM End	16.08	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.978396 °	37.978396 °
				-121.240769 °	-121.240769 °
DWR ID	DWR_NA0017_15_s_2013_80				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140415_404.jpg



The monolith joint material is deteriorating at the waterside shoulder of the levee looking downstream.

LM Start	16.09	Rating **	M	Issue No.	1045
LM End	16.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.978480 °	37.981949 °
				-121.240909 °	-121.248943 °
DWR ID	DWR_NA0017_15_s_2012_1045				
Action/Comments					
Ditch					

Photo 1 of 1 : pkazi_s_20140415_461.jpg



View of a ditch adjacent to the landward toe looking downstream.

LM Start	16.39	Rating **	M	Issue No.	88
LM End	16.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.980513 °	37.980513 °
				-121.245495 °	-121.245495 °
DWR ID	DWR_NA0017_15_f_2013_88				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside of the levee.					

Photo 1 of 1 : pkazi_s_20140415_408.jpg



Erosion caused by runoff on the landside slope of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	16.52	Rating **	M	Issue No.	86
LM End	16.52	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.981363 °	37.981363 °
				-121.247601 °	-121.247601 °
DWR ID	DWR_NA0017_15_f_2013_86				
Action/Comments					

No Photos

LM Start	16.87	Rating **	C	Issue No.	94
LM End	16.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.983737 °	37.983737 °
				-121.253228 °	-121.253228 °
DWR ID	DWR_NA0017_15_f_2013_94				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	16.87	Rating **	M	Issue No.	93
LM End	16.87	Issue Type +	Ma	Location *	WS
Category	Concrete Floodwalls			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.983744 °	37.983744 °
				-121.253211 °	-121.253211 °
DWR ID	DWR_NA0017_15_s_2013_93				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140415_412.jpg



The monolith joint material is deteriorating at the waterside shoulder of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	16.87	Rating **	M	Issue No.	89
LM End	16.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.983744 °	37.983744 °
				-121.253210 °	-121.253210 °
DWR ID	DWR_NA0017_15_s_2013_89				
Action/Comments					
Note and monitor erosion site.					
Inspector Comments: Run off at the landside slope of the levee.					

Photo 1 of 1 : pkazi_s_20140415_409.jpg



Slope Instability was found on the landside slope of the levee looking upstream.

LM Start	17.23	Rating **	M	Issue No.	1048
LM End	17.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.986117 °	37.989236 °
				-121.258790 °	-121.266194 °
DWR ID	DWR_NA0017_15_s_2012_1048				
Action/Comments					
Ditch					

No Photos

LM Start	17.79	Rating **	M	Issue No.	48
LM End	18.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.990067 °	37.991645 °
				-121.267757 °	-121.271827 °
DWR ID	DWR_NA0017_15_s_2012_48				
Action/Comments					
Fence					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	17.83	Rating **	C	Issue No.	97
LM End	17.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.990042 °	37.990042 °
				-121.268434 °	-121.268434 °
DWR ID	DWR_NA0017_15_f_2013_97				
Action/Comments					
Debris					

No Photos

LM Start	18.04	Rating **	M	Issue No.	101
LM End	18.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.991404 °	37.993229 °
				-121.271659 °	-121.275715 °
DWR ID	DWR_NA0017_15_s_2012_101				
Action/Comments					
Ditch					

No Photos

LM Start	18.09	Rating **	M	Issue No.	92
LM End	18.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.991886 °	37.993050 °
				-121.272391 °	-121.275228 °
DWR ID	DWR_NA0017_15_s_2014_92				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	18.39	Rating **	M	Issue No.	129
LM End	18.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.993847 °	37.993847 °
				-121.277254 °	-121.277254 °
DWR ID	DWR_NA0017_15_s_2014_129				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140505_950.jpg



An animal hole was found on the landside of the levee looking upstream.

LM Start	18.44	Rating **	M	Issue No.	567
LM End	18.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.994859 °	37.994859 °
				-121.275862 °	-121.275862 °
DWR ID	DWR_NA0017_15_s_2012_567				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_451.jpg



Equipment was found on the landside of the levee looking downstream.

LM Start	18.54	Rating **	M	Issue No.	1052
LM End	18.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.995287 °	37.995215 °
				-121.277404 °	-121.277843 °
DWR ID	DWR_NA0017_15_s_2012_1052				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_462.jpg



View of landowner planted and maintained vegetation along the landward slope looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	18.60	Rating **	M	Issue No.	131
LM End	18.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.999901 °	37.999901 °
				-121.271303 °	-121.271303 °
DWR ID	DWR_NA0017_15_s _ 2012_131				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	19.80	Rating **	U	Issue No.	107
LM End	19.92	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.994671 °	37.994696 °
				-121.279658 °	-121.281905 °
DWR ID	DWR_NA0017_15_f _ 2012_107				
Action/Comments					
Fence					
Inspector Comments: City of Stockton placed this fence on the waterside shoulder of the levee.					

Photo 1 of 1 : pkazi_s_20140415_424.jpg



A fence was placed by the City of Stockton on the waterside shoulder of the levee looking downstream.

LM Start	19.80	Rating **	M	Issue No.	1054
LM End	19.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.994756 °	37.994729 °
				-121.279161 °	-121.280718 °
DWR ID	DWR_NA0017_15_s _ 2012_1054				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_463.jpg



View of landowner planted and maintained vegetation along the landward slope looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	20.09	Rating **	M	Issue No.	132
LM End	20.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.993719 °	37.993719 °
				-121.284698 °	-121.284698 °
DWR ID	DWR_NA0017_15_s_2014_132				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140505_951.jpg



A rodent hole was found on the landside of the levee looking from the crown.

LM Start	20.12	Rating **	C	Issue No.	99
LM End	20.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.993682 °	37.993682 °
				-121.285216 °	-121.285216 °
DWR ID	DWR_NA0017_15_f_2013_99				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	20.17	Rating **	N	Issue No.	103
LM End	20.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.993578 °	37.993578 °
				-121.286165 °	-121.286165 °
DWR ID	DWR_NA0017_15_f_2013_103				
Action/Comments					
Tree stumps.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	20.80	Rating **	U	Issue No.	52
LM End	20.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.992300 °	37.992008 °
				-121.296665 °	-121.298688 °
DWR ID	DWR_NA0017_15_s_2012_52				
Action/Comments					
Fence					

No Photos

LM Start	20.80	Rating **	M	Issue No.	133
LM End	20.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.992259 °	37.992259 °
				-121.297191 °	-121.297191 °
DWR ID	DWR_NA0017_15_s_2014_133				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140505_952.jpg



Erosion caused by runoff on the waterside of the levee looking downstream.

LM Start	20.91	Rating **	U	Issue No.	53
LM End	21.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.992015 °	37.992103 °
				-121.298692 °	-121.300505 °
DWR ID	DWR_NA0017_15_s_2012_53				
Action/Comments					
Building					

Photo 1 of 1 : pkazi_s_20140415_381.jpg



View of the buildings on the landside of the levee looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	21.05	Rating **	U	Issue No.	55
LM End	21.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.992163 °	37.992170 °
				-121.301308 °	-121.302212 °
DWR ID	DWR_NA0017_15_s_2012_55				
Action/Comments					
Fence					

No Photos

LM Start	21.25	Rating **	M	Issue No.	1055
LM End	21.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.991146 °	37.987767 °
				-121.304981 °	-121.307575 °
DWR ID	DWR_NA0017_15_s_2012_1055				
Action/Comments					
Fence					

No Photos

LM Start	21.46	Rating **	M	Issue No.	1062
LM End	21.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.988543 °	37.986783 °
				-121.307211 °	-121.308158 °
DWR ID	DWR_NA0017_15_s_2012_1062				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_464.jpg



View of fence along the landward toe looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	21.52	Rating **	M	Issue No.	56
LM End	21.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.987718 °	37.985250 °
				-121.307630 °	-121.309249 °
DWR ID	DWR_NA0017_15_s_2012_56				
Action/Comments					
Landscaping					

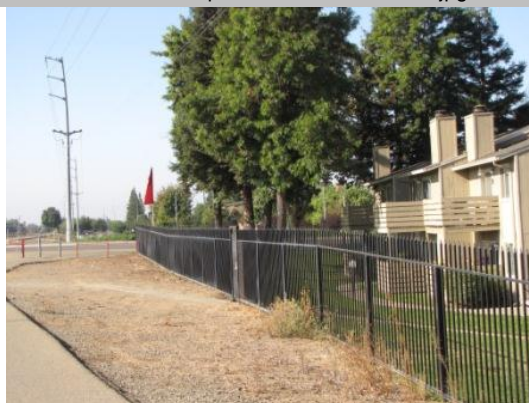
Photo 1 of 1 : pkazi_s_20140415_383.jpg



View of landscaping along the landward slope and toe looking downstream.

LM Start	21.73	Rating **	M	Issue No.	1063
LM End	21.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.985238 °	37.984896 °
				-121.309264 °	-121.309735 °
DWR ID	DWR_NA0017_15_s_2012_1063				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_465.jpg



View of fence along the landward shoulder looking downstream.

LM Start	22.11	Rating **	M	Issue No.	1065
LM End	22.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.981675 °	37.981675 °
				-121.314329 °	-121.314329 °
DWR ID	DWR_NA0017_15_s_2012_1065				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_466.jpg



View of landscaping maintained by UOP along the landward slope looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	22.17	Rating **	M	Issue No.	173
LM End	22.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.981068 °	37.981068 °
				-121.315159 °	-121.315159 °
DWR ID	DWR_NA0017_15_s_2012_173				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 3 : pkazi_s_20140415_445.jpg



Erosion was found due to runoff on the landside of the levee looking downstream.

LM Start	22.17	Rating **	M	Issue No.	173 (cont)
LM End	22.17	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : pkazi_s_20140415_446.jpg



Updated picture of the erosion located on the landside of the levee looking downstream.

LM Start	22.17	Rating **	M	Issue No.	173 (cont)
LM End	22.17	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : pkazi_s_20140415_447.jpg



Updated picture of the erosion caused by run off on the landside slope of the levee looking downstream during spring 2013 inspection.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	22.27	Rating **	M	Issue No.	57
LM End	22.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.980533 °	37.980285 °
				-121.316473 °	-121.317410 °
DWR ID	DWR_NA0017_15_s_2012_57				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_384.jpg



View of landscaping along the landward toe of the levee looking downstream.

LM Start	22.36	Rating **	M	Issue No.	95
LM End	22.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979996 °	37.979969 °
				-121.318045 °	-121.318236 °
DWR ID	DWR_NA0017_15_s_2012_95				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_414.jpg



Fence located from LM 22.36 to LM 22.37 significantly encroaches onto landside levee slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	22.59	Rating **	M	Issue No.	118
LM End	22.59	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.981443 °	37.981443 °
				-121.321931 °	-121.321931 °
DWR ID	DWR_NA0017_15_s_2013_118				
Action/Comments					
Pipe Inspector Comments: Exposed pipe causing erosion on the waterside slope of the levee.					

Photo 1 of 1 : pkazi_s_20140415_432.jpg



View of the exposed pipe causing erosion on the waterside slope of the levee looking upstream.

LM Start	22.88	Rating **	U	Issue No.	1067
LM End	22.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.982270 °	37.982210 °
				-121.327070 °	-121.327567 °
DWR ID	DWR_NA0017_15_s_2012_1067				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_467.jpg



View of a fence along the landward shoulder looking downstream.

LM Start	23.54	Rating **	M	Issue No.	1068
LM End	23.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.980240 °	37.979757 °
				-121.338605 °	-121.341113 °
DWR ID	DWR_NA0017_15_s_2012_1068				
Action/Comments					
Fence					
Inspector Comments: Post & Cable Fence					

Photo 1 of 1 : pkazi_s_20140415_468.jpg



View of a fence along landward shoulder looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	23.61	Rating **	M	Issue No.	119
LM End	23.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.979951 °	37.979951 °
				-121.339787 °	-121.339787 °
DWR ID	DWR_NA0017_15_s_2013_119				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : pkazi_s_20140505_953.jpg



Rodent holes were found on the landside of the levee looking upstream.

Photo 2 of 2 : pkazi_s_20140415_433.jpg



An animal hole was found on the landside slope of the levee looking upstream.

LM Start	23.80	Rating **	C	Issue No.	110
LM End	23.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.978692 °	37.978692 °
				-121.342882 °	-121.342882 °
DWR ID	DWR_NA0017_15_f_2013_110				
Action/Comments					
Debris					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	24.01	Rating **	M	Issue No.	134
LM End	24.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.976621 °	37.975974 °
				-121.345577 °	-121.346269 °
DWR ID	DWR_NA0017_15_s_2014_134				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	24.03	Rating **	N	Issue No.	176
LM End	24.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.976483 °	37.976483 °
				-121.345756 °	-121.345756 °
DWR ID	DWR_NA0017_15_s_2012_176				
Action/Comments					
Tree stumps.					

No Photos

LM Start	24.18	Rating **	A/W	Issue No.	187
LM End	24.18	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.974858 °	37.974858 °
				-121.347718 °	-121.347718 °
DWR ID	DWR_NA0017_15_f_2012_187				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140415_448.jpg



Revetment was placed by the LMA on the waterside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	24.20	Rating **	U	Issue No.	1070
LM End	24.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.974670 °	37.974499 °
				-121.347822 °	-121.347919 °
DWR ID	DWR_NA0017_15_s_2012_1070				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_469.jpg



View of fence along the landward shoulder looking downstream.

LM Start	24.65	Rating **	A/W	Issue No.	1071
LM End	25.59	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.970707 °	37.967737 °
				-121.353458 °	-121.368923 °
DWR ID	DWR_NA0017_15_s_2012_1071				
Action/Comments					
Landscaping Inspector Comments: Landowner plantings, iceplant, etc. with irrigation systems. All of them have permits.					

Photo 1 of 1 : pkazi_s_20140415_470.jpg



View of typical landowner planted and maintained landscaping and irrigation along the waterward shoulder and slope looking downstream.

LM Start	24.78	Rating **	C	Issue No.	112
LM End	24.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			37.969625 °	37.968662 °
				-121.355304 °	-121.357149 °
DWR ID	DWR_NA0017_15_f_2013_112				
Action/Comments					
Schedule repair of subsidence prior to the next inspection. Inspector Comments: Crack was found on the landside shoulder of the levee.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	24.84	Rating **	A/W	Issue No.	188
LM End	24.84	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.969095 °	37.969095 °
				-121.356301 °	-121.356301 °
DWR ID	DWR_NA0017_15_f_2012_188				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140415_449.jpg



Revetments were placed by the LMA on the waterside slope of the levee looking downstream.

LM Start	24.91	Rating **	A/W	Issue No.	162
LM End	24.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968572 °	37.968572 °
				-121.357318 °	-121.357318 °
DWR ID	DWR_NA0017_15_s_2012_162				
Action/Comments					
Stairway					
Inspector Comments: This area is approved by permit #16522					

No Photos

LM Start	24.91	Rating **	A/W	Issue No.	161
LM End	24.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968570 °	37.968570 °
				-121.357318 °	-121.357318 °
DWR ID	DWR_NA0017_15_s_2012_161				
Action/Comments					
Stairway					
Inspector Comments: This area is approved by permit #16522					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	24.93	Rating **	A/W	Issue No.	164
LM End	24.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968452 °	37.968452 °
				-121.357534 °	-121.357534 °
DWR ID	DWR_NA0017_15_s _ 2012_164				
Action/Comments					
Stairway					
Inspector Comments: This area is approved by permit #16905					

No Photos

LM Start	24.93	Rating **	A/W	Issue No.	163
LM End	24.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968451 °	37.968451 °
				-121.357535 °	-121.357535 °
DWR ID	DWR_NA0017_15_s _ 2012_163				
Action/Comments					
Stairway					
Inspector Comments: This area is approved by permit #16905					

No Photos

LM Start	24.97	Rating **	A/W	Issue No.	165
LM End	24.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968133 °	37.968133 °
				-121.358222 °	-121.358222 °
DWR ID	DWR_NA0017_15_s _ 2012_165				
Action/Comments					
Stairway					
Inspector Comments: This area is approved by permit #16905					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	24.97	Rating **	A/W	Issue No.	166
LM End	24.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968133 °	37.968133 °
				-121.358222 °	-121.358222 °
DWR ID	DWR_NA0017_15_s _ 2012_166				
Action/Comments					
Stairway					
Inspector Comments: This area is approved by permit #16905					

No Photos

LM Start	24.99	Rating **	A/W	Issue No.	167
LM End	24.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968016 °	37.968016 °
				-121.358501 °	-121.358501 °
DWR ID	DWR_NA0017_15_s _ 2012_167				
Action/Comments					
Stairway					
Inspector Comments: This area is approved by permit #16905					

No Photos

LM Start	25.00	Rating **	A/W	Issue No.	189
LM End	25.00	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.967943 °	37.967943 °
				-121.358711 °	-121.358711 °
DWR ID	DWR_NA0017_15_f _ 2012_189				
Action/Comments					

Photo 1 of 1 : pkazi_s_20140415_450.jpg



Revetments were placed by the LMA on the waterside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	25.00	Rating **	A/W	Issue No.	168
LM End	25.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.967921 °	37.967921 °
				-121.358753 °	-121.358753 °
DWR ID	DWR_NA0017_15_s _ 2012_168				
Action/Comments					
Stairway					
Inspector Comments: This area is approved by permit #16905-A					

No Photos

LM Start	25.06	Rating **	A/W	Issue No.	169
LM End	25.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.967730 °	37.967730 °
				-121.359759 °	-121.359759 °
DWR ID	DWR_NA0017_15_s _ 2012_169				
Action/Comments					
Stairway					
Inspector Comments: This area is approved by permit #16905-A					

No Photos

LM Start	25.11	Rating **	A/W	Issue No.	170
LM End	25.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.967911 °	37.967626 °
				-121.360697 °	-121.368644 °
DWR ID	DWR_NA0017_15_s _ 2012_170				
Action/Comments					
Stairway					
Inspector Comments: This area is approved by permit #16905-A					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	04/29/2014 05/01/2014	Pavel Kazi

LM Start	25.35	Rating **	M	Issue No.	58
LM End	25.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968056 °	37.968056 °
				-121.364686 °	-121.364686 °
DWR ID	DWR_NA0017_15_s_2013_58				
Action/Comments					
Pool					
Inspector Comments: This pool doesn't have any permit.					

Photo 1 of 1 : pkazi_s_20140415_385.jpg



A pool was found on the landside toe of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 16 Mormon Slough			Left	24.00
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/01/2014 - 05/07/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Jay Jauregui SJCF&WCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	0.00	Rating **	M	Issue No.	793
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			38.055298 °	38.055298 °
				-121.000460 °	-121.000460 °
DWR ID	DWR_NA0017_16_f_2013_793				
Action/Comments					
Inspector Comments: This is in a small section of the upper Calaveras River, above Escallon-Bellota Road. The county has a small section that we maintain above the water. A large tree fell into the channel; the root ball was over 15 feet in diameter. We worked with Stockton East and their divers to remove most of the tree from the channel. Some of the tree remains in the channel because of it being too heavy (water-logged) to remove at this time. Crews plan to go back to remove it when the water goes down.					

No Photos

LM Start	0.00	Rating **	A/W	Issue No.	193
LM End	11.46	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.050918 °	37.960280 °
				-121.012115 °	-121.164353 °
DWR ID	DWR_NA0017_16_f_2013_193				
Action/Comments					
Material					
Inspector Comments: This portion of the unit contains a non-project levee and access road. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "A/W."					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	0.13	Rating **	U	Issue No.	41
LM End	0.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.048159 °	38.048159 °
				-121.016427 °	-121.016427 °
DWR ID	DWR_NA0017_16_s_2014_41				
Action/Comments					
Inspector Comments: 09/12/2013: Site has been visited and signs of new erosion are visible. 08/22/2012: The erosion was surveyed and documented for monitoring purpose. There is no levee structure on the site, only high ground protecting the land behind. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM23.35]					

Photo 1 of 1 : pkazi_s_20140415_489.jpg



Front view of erosion. Looking from the right side of the river.

LM Start	0.54	Rating **	U	Issue No.	99
LM End	0.54	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.046569 °	38.046569 °
				-121.020075 °	-121.020075 °
DWR ID	DWR_NA0017_16_s_2012_99				
Action/Comments					
Building					

Photo 1 of 1 : pkazi_s_20140415_532.jpg



A building was located on the waterside shoulder of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	0.70	Rating **	N	Issue No.	216
LM End	0.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.045610 °	38.045610 °
				-121.022607 °	-121.022607 °
DWR ID	DWR_NA0017_16_s _ 2012_216				
Action/Comments					
Tree stumps.					

No Photos

LM Start	0.81	Rating **	C	Issue No.	98
LM End	0.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.044564 °	38.044564 °
				-121.024134 °	-121.024134 °
DWR ID	DWR_NA0017_16_s _ 2012_98				
Action/Comments					
Debris					

No Photos

LM Start	0.83	Rating **	M	Issue No.	72
LM End	0.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.044366 °	38.044366 °
				-121.024280 °	-121.024280 °
DWR ID	DWR_NA0017_16_s _ 2012_72				
Action/Comments					
Equipment					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	0.83	Rating **	M	Issue No.	179
LM End	0.89	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.044312 °	38.043691 °
				-121.024377 °	-121.024946 °
DWR ID	DWR_NA0017_16_s_2012_179				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_598.jpg



View of landowner maintained landscaping on waterward side looking upstream.

LM Start	0.97	Rating **	U	Issue No.	157
LM End	0.99	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.043080 °	38.043080 °
				-121.026280 °	-121.026280 °
DWR ID	DWR_NA0017_16_s_2014_157				
Action/Comments					
Inspector Comments: 09/12/2013: No significant changes observed. 08/22/2012: The erosion was surveyed and documented for monitoring purpose. There is no levee structure on the site, only high ground protecting the land behind. The levee crest width and levee height were not measured or estimated in the field. There is a drainage pipe at the site, which might have caused the problem at one pocket erosion. [2013 Site ID:NA0017U16RM22.74]					

Photo 1 of 1 : pkazi_s_20140415_577.jpg



Front view of erosion.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	1.13	Rating **	U	Issue No.	163
LM End	1.13	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.041260 °	38.041260 °
				-121.027730 °	-121.027730 °
DWR ID	DWR_NA0017_16_s_2014_163				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Erosion is at the outside corner of a river bend, and next to a tree at the levee toe. Irrigation structure presents at the site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM22.58]					

Photo 1 of 1 : pkazi_s_20140415_583.jpg



Front view of erosion. Note the irrigation pipe at the erosion site.

LM Start	1.16	Rating **	M	Issue No.	63
LM End	1.16	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.040628 °	38.040628 °
				-121.027792 °	-121.027792 °
DWR ID	DWR_NA0017_16_s_2012_63				
Action/Comments					
Pole					

No Photos

LM Start	1.48	Rating **	C	Issue No.	87
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.039624 °	38.039624 °
				-121.033278 °	-121.033278 °
DWR ID	DWR_NA0017_16_s_2012_87				
Action/Comments					
Prunings					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	1.59	Rating **	M	Issue No.	164
LM End	1.59	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.039940 °	38.039940 °
				-121.035430 °	-121.035430 °
DWR ID	DWR_NA0017_16_s _ 2014_164				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: The berm is estimated at 10 ft. Dense vegetation on site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM22.15]					

Photo 1 of 1 : pkazi_s_20140415_584.jpg



Close view at the erosion.

LM Start	1.74	Rating **	U	Issue No.	165
LM End	1.75	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.039110 °	38.039110 °
				-121.037840 °	-121.037840 °
DWR ID	DWR_NA0017_16_s _ 2014_165				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Site is covered with dense vegetation. A scarp erosion is adjacent to a pocket erosion at the downstream. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM22.01]					

Photo 1 of 1 : pkazi_s_20140415_585.jpg



Front view of the pocket erosion.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	1.75	Rating **	M	Issue No.	166
LM End	1.76	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.038080 °	38.038080 °
				-121.038676 °	-121.038676 °
DWR ID	DWR_NA0017_16_s _ 2014_166				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Erosion is covered by dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM21.95]					

Photo 1 of 1 : pkazi_s_20140415_586.jpg



Front view of erosion site.

LM Start	1.77	Rating **	M	Issue No.	168
LM End	1.78	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.037906 °	38.037906 °
				-121.038949 °	-121.038949 °
DWR ID	DWR_NA0017_16_s _ 2014_168				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Site is covered by dense vegetation. Berm width is estimated as 5 ft. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM21.94]					

Photo 1 of 1 : pkazi_s_20140415_588.jpg



Looking downstream at the erosion.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	1.88	Rating **	M	Issue No.	183
LM End	1.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.037320 °	38.037320 °
				-121.039563 °	-121.039563 °
DWR ID	DWR_NA0017_16_s_2014_183				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140512_978.jpg



Rodent holes were found on the waterside of the levee looking downstream.

LM Start	1.93	Rating **	M	Issue No.	169
LM End	1.95	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.037150 °	38.037150 °
				-121.040580 °	-121.040580 °
DWR ID	DWR_NA0017_16_s_2014_169				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Berm width is estimated as 5 ft. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM21.05]					

Photo 1 of 1 : pkazi_s_20140415_589.jpg



Front view of the erosion.

LM Start	1.95	Rating **	M	Issue No.	58
LM End	1.95	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.036528 °	38.036528 °
				-121.040143 °	-121.040143 °
DWR ID	DWR_NA0017_16_s_2012_58				
Action/Comments					
Pole					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	1.95	Rating **	M	Issue No.	13
LM End	1.95	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.036468 °	38.036468 °
				-121.040187 °	-121.040187 °
DWR ID	DWR_NA0017_16_s_2013_13				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_478.jpg



Prunings were found on the waterside shoulder of the levee looking downstream.

LM Start	1.95	Rating **	M	Issue No.	10
LM End	1.95	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.036465 °	38.036465 °
				-121.040184 °	-121.040184 °
DWR ID	DWR_NA0017_16_s_2013_10				
Action/Comments					
Material					
Inspector Comments: The farmer installed a concrete pad on the waterside slope of the levee without a permit.					

Photo 1 of 1 : pkazi_s_20140415_475.jpg



A concrete pad was found on the waterside shoulder of the levee looking upstream.

LM Start	1.97	Rating **	M	Issue No.	155
LM End	1.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.036248 °	38.036248 °
				-121.040408 °	-121.040408 °
DWR ID	DWR_NA0017_16_f_2013_155				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140415_575.jpg



Erosion was found on the waterside of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	2.07	Rating **	M	Issue No.	85
LM End	2.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.035118 °	38.035118 °
				-121.041227 °	-121.041227 °
DWR ID	DWR_NA0017_16_s_2012_85				
Action/Comments					
Prunings					

No Photos

LM Start	2.31	Rating **	M	Issue No.	171
LM End	2.32	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.033072 °	38.033072 °
				-121.044970 °	-121.044970 °
DWR ID	DWR_NA0017_16_s_2014_171				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Site is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM20.71]					

Photo 1 of 1 : pkazi_s_20140415_591.jpg



Front view of the erosion. Site is covered with vegetation and trees.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	2.37	Rating **	U	Issue No.	173
LM End	2.38	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.032202 °	38.032202 °
				-121.045226 °	-121.045226 °
DWR ID	DWR_NA0017_16_s_2014_173				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: The erosion was first reported in the 2012 spring levee inspection report. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM20.62]					

Photo 1 of 1 : pkazi_s_20140415_593.jpg



Close view of erosion. Note the vegetation at the site.

LM Start	2.42	Rating **	M	Issue No.	213
LM End	2.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.031763 °	38.031763 °
				-121.045808 °	-121.045808 °
DWR ID	DWR_NA0017_16_f_2012_213				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : pkazi_s_20140415_616.jpg



Slope instability was found on the waterside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	2.42	Rating **	M	Issue No.	213 (cont)	
LM End	2.42	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.031763 °		38.031763 °
				-121.045808 °		-121.045808 °
DWR ID	DWR_NA0017_16_f_2012_213					
Action/Comments						
Repair slope instability.						

Photo 2 of 2 : pkazi_s_20140415_617.jpg



Updated picture of the slope instability on the waterside shoulder of the levee looking upstream.

LM Start	2.47	Rating **	M	Issue No.	153
LM End	2.47	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.031208 °	38.031208 °
				-121.046362 °	-121.046362 °
DWR ID	DWR_NA0017_16_f_2013_153				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_573.jpg



Rodent holes were found on the crown of the levee looking upstream.

LM Start	2.48	Rating **	M	Issue No.	55
LM End	2.48	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.031116 °	38.031116 °
				-121.046402 °	-121.046402 °
DWR ID	DWR_NA0017_16_s_2012_55				
Action/Comments					
Pole					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	2.56	Rating **	M	Issue No.	181
LM End	2.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.030135 °	38.030135 °
				-121.047368 °	-121.047368 °
DWR ID	DWR_NA0017_16_s _ 2014_181				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	2.68	Rating **	M	Issue No.	176
LM End	2.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.029061 °	38.029061 °
				-121.048870 °	-121.048870 °
DWR ID	DWR_NA0017_16_s _ 2014_176				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140512_977.jpg



Rodent holes were found on the waterside of the levee.

LM Start	2.72	Rating **	M	Issue No.	149
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.028765 °	38.028765 °
				-121.049537 °	-121.049537 °
DWR ID	DWR_NA0017_16_s _ 2014_149				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	2.73	Rating **	M	Issue No.	146
LM End	3.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.028658 °	38.022225 °
				-121.049666 °	-121.059675 °
DWR ID	DWR_NA0017_16_s_2014_146				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	3.00	Rating **	U	Issue No.	177
LM End	3.06	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.026670 °	38.026670 °
				-121.053031 °	-121.053031 °
DWR ID	DWR_NA0017_16_s_2014_177				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Site Comprised of series of pocket and scarp erosions. Some of erosions are covered by grass or shrubs. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM20]					

Photo 1 of 1 : pkazi_s_20140415_596.jpg



Front view of erosion.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	3.35	Rating **	M	Issue No.	52
LM End	3.35	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.023257 °	38.023257 °
				-121.058158 °	-121.058158 °
DWR ID	DWR_NA0017_16_s _ 2012_52				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140415_498.jpg



Prunings were found on the waterside shoulder of the levee looking upstream.

LM Start	3.52	Rating **	M	Issue No.	53
LM End	3.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.021650 °	38.021650 °
				-121.060312 °	-121.060312 °
DWR ID	DWR_NA0017_16_s _ 2012_53				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140415_499.jpg



Prunings were found on the waterside shoulder of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	3.59	Rating **	M	Issue No.	152
LM End	3.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.020965 °	38.020965 °
				-121.061215 °	-121.061215 °
DWR ID	DWR_NA0017_16_f_2013_152				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : pkazi_s_20140415_572.jpg



Arundo was found on the waterside toe of the levee looking upstream.

LM Start	3.65	Rating **	M	Issue No.	230
LM End	3.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.020433 °	38.020433 °
				-121.061867 °	-121.061867 °
DWR ID	DWR_NA0017_16_f_2012_230				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : pkazi_s_20140415_626.jpg



Slope instability was found on the waterside slope of the levee looking downstream.

LM Start	3.65	Rating **	M	Issue No.	230 (cont)
LM End	3.65	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_627.jpg



Erosion was found on the waterside slope of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	3.66	Rating **	M	Issue No.	206
LM End	3.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.020351 °	38.020351 °
				-121.061944 °	-121.061944 °
DWR ID	DWR_NA0017_16_s_2012_206				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_609.jpg



Prunings were found on the landside of the levee looking upstream.

LM Start	3.73	Rating **	M	Issue No.	211
LM End	3.73	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.019604 °	38.019604 °
				-121.062883 °	-121.062883 °
DWR ID	DWR_NA0017_16_s_2012_211				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

LM Start	3.78	Rating **	C	Issue No.	54
LM End	3.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.018975 °	38.018975 °
				-121.063469 °	-121.063469 °
DWR ID	DWR_NA0017_16_s_2012_54				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	3.89	Rating **	M	Issue No.	201
LM End	3.91	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.018100 °	38.018100 °
				-121.065170 °	-121.065170 °
DWR ID	DWR_NA0017_16_s _ 2014_201				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: River-induced erosion occurred on the berm, while the runoff-induced erosion occurred on the levee slope. Site is covered with vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM19.18]					

Photo 1 of 1 : pkazi_s_20140415_605.jpg



Closer view at the erosion.

LM Start	4.32	Rating **	U	Issue No.	205
LM End	4.34	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.012792 °	38.012792 °
				-121.068073 °	-121.068073 °
DWR ID	DWR_NA0017_16_s _ 2014_205				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: An irrigation pipe is present at the site, but probably did not cause the erosion. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM18.69]					

Photo 1 of 1 : pkazi_s_20140415_608.jpg



Front view of erosion.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	4.34	Rating **	M	Issue No.	228
LM End	4.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.012288 °	38.012288 °
				-121.068239 °	-121.068239 °
DWR ID	DWR_NA0017_16_f_2012_228				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140415_625.jpg



Slope instability was found on the waterside shoulder of the levee looking downstream.

LM Start	4.43	Rating **	M	Issue No.	73
LM End	4.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.011053 °	38.011053 °
				-121.068651 °	-121.068651 °
DWR ID	DWR_NA0017_16_s_2013_73				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : pkazi_s_20140415_515.jpg



Erosion was found on the waterside shoulder of the levee looking downstream.

LM Start	4.43	Rating **	M	Issue No.	73 (cont)
LM End	4.43	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_516.jpg



Updated picture of the erosion on the waterside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	4.52	Rating **	M	Issue No.	141
LM End	4.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.009858 °	38.009858 °
				-121.069005 °	-121.069005 °
DWR ID	DWR_NA0017_16_s_2014_141				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140512_976.jpg



A slope instability was found on the waterside of the levee looking downstream.

LM Start	4.59	Rating **	M	Issue No.	49
LM End	4.59	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.008886 °	38.008886 °
				-121.069293 °	-121.069293 °
DWR ID	DWR_NA0017_16_s_2012_49				
Action/Comments					
Pole					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	5.03	Rating **	U	Issue No.	207
LM End	5.03	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.003730 °	38.003730 °
				-121.073080 °	-121.073080 °
DWR ID	DWR_NA0017_16_s_2014_207				
Action/Comments					
Inspector Comments: 9/12/2013: Site has been surveyed and the pocket erosion has developed toward levee crest. 08/22/2012: A pocket erosion at the levee toe and on lower slope. The levee surface at the upper slope also shows signs of erosion due to poor maintenance. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM17.99]					

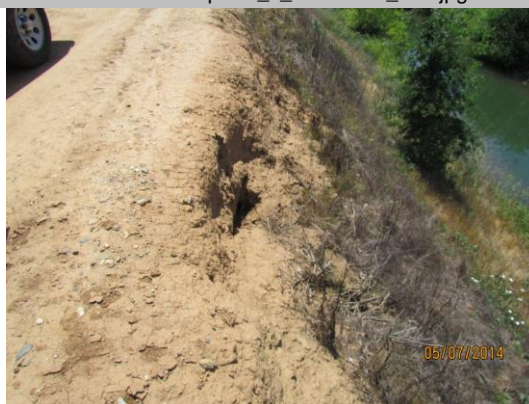
Photo 1 of 1 : pkazi_s_20140415_610.jpg



View from right river bank.

LM Start	5.04	Rating **	M	Issue No.	138
LM End	5.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.003305 °	38.003305 °
				-121.072824 °	-121.072824 °
DWR ID	DWR_NA0017_16_s_2014_138				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140512_975.jpg



A rodent hole was found on the waterside shoulder of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	5.20	Rating **	C	Issue No.	92
LM End	5.20	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.001410 °	38.001410 °
				-121.074463 °	-121.074463 °
DWR ID	DWR_NA0017_16_s_2013_92				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comments: A pipe was running over the crown of the levee.					

No Photos

LM Start	5.21	Rating **	M	Issue No.	196
LM End	5.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.001284 °	38.000116 °
				-121.074596 °	-121.075633 °
DWR ID	DWR_NA0017_16_s_2012_196				
Action/Comments					
Debris					

Photo 1 of 2 : pkazi_s_20140415_602.jpg



Debris was found on the waterside of the levee looking upstream.

Photo 2 of 2 : pkazi_s_20140415_603.jpg



Concrete debris was found on the waterside slope of the levee looking upstream.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	5.33	Rating **	M	Issue No.	42
LM End	5.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.000057 °	38.000057 °
				-121.075773 °	-121.075773 °
DWR ID	DWR_NA0017_16_s_2014_42				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and					

Photo 1 of 1 : pkazi_s_20140505_943.jpg



View of the animal hole on the waterside slope of the levee. The picture was taken from the opposite side of the levee.

LM Start	5.46	Rating **	N	Issue No.	226
LM End	5.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.998515 °	37.998515 °
				-121.077104 °	-121.077104 °
DWR ID	DWR_NA0017_16_f_2012_226				
Action/Comments					
Tree stumps.					

No Photos

LM Start	5.46	Rating **	N	Issue No.	195
LM End	5.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.998517 °	37.998517 °
				-121.077116 °	-121.077116 °
DWR ID	DWR_NA0017_16_s_2012_195				
Action/Comments					
Tree stumps.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	5.52	Rating **	M	Issue No.	208
LM End	5.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.997720 °	37.997720 °
				-121.077807 °	-121.077807 °
DWR ID	DWR_NA0017_16_s _ 2014_208				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed 08/22/2012: The site is located at the opposite river bank of E. Tobacco Road. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM17.81]					

Photo 1 of 1 : pkazi_s_20140415_611.jpg



Front view of the site.

LM Start	5.55	Rating **	U	Issue No.	209
LM End	5.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.995216 °	37.995216 °
				-121.080159 °	-121.080159 °
DWR ID	DWR_NA0017_16_s _ 2014_209				
Action/Comments					
Inspector Comments: 9/12/2013: The erosion seems to be caused by high river flow. Dense vegetation is present at the site. Signs of animal activities are visible. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM17.27]					

Photo 1 of 2 : pkazi_s_20140415_612.jpg



Looking from right river bank.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	5.55	Rating **	U	Issue No.	209 (cont)	
LM End	5.57	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR Erosion Survey			37.995216 °	37.995216 °	
				-121.080159 °	-121.080159 °	
DWR ID	DWR_NA0017_16_s _ 2014_209					
Action/Comments						
Inspector Comments: 9/12/2013: The erosion seems to be caused by high river flow. Dense vegetation is present at the site. Signs of animal activities are visible. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM17.27]						

Photo 2 of 2 : pkazi_s_20140415_613.jpg



Looking from right river bank.

LM Start	5.83	Rating **	M	Issue No.	56
LM End	5.83	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.994268 °	37.994268 °
				-121.080850 °	-121.080850 °
DWR ID	DWR_NA0017_16_s _ 2012_56				
Action/Comments					
Prunings					
Inspector Comments: Burn pile has been burned but new material has been placed.					

Photo 1 of 1 : pkazi_s_20140415_501.jpg



Prunings were found on the waterside shoulder of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	5.89	Rating **	M	Issue No.	57
LM End	5.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.993593 °	37.993030 °
				-121.081493 °	-121.082014 °
DWR ID	DWR_NA0017_16_s_2012_57				
Action/Comments					
Equipment					

No Photos

LM Start	5.94	Rating **	M	Issue No.	172
LM End	5.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.993108 °	37.993108 °
				-121.082033 °	-121.082033 °
DWR ID	DWR_NA0017_16_s_2012_172				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_592.jpg



View of equipment located on the waterward side looking upstream.

LM Start	6.23	Rating **	M	Issue No.	44
LM End	6.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.989765 °	37.989765 °
				-121.084970 °	-121.084970 °
DWR ID	DWR_NA0017_16_s_2012_44				
Action/Comments					
Pole					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	6.23	Rating **	M	Issue No.	5
LM End	6.23	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.989698 °	37.989698 °
				-121.085034 °	-121.085034 °
DWR ID	DWR_NA0017_16_s _ 2012_5				
Action/Comments					
Pole					

No Photos

LM Start	6.27	Rating **	M	Issue No.	4
LM End	6.27	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.989251 °	37.989251 °
				-121.085419 °	-121.085419 °
DWR ID	DWR_NA0017_16_s_2012_4				
Action/Comments					
Pole					

No Photos

LM Start	6.27	Rating **	M	Issue No.	3
LM End	6.27	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.989227 °	37.989227 °
				-121.085441 °	-121.085441 °
DWR ID	DWR_NA0017_16_s _ 2012_3				
Action/Comments					
Pole					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	6.30	Rating **	M	Issue No.	180
LM End	6.30	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.988898 °	37.988898 °
				-121.085691 °	-121.085691 °
DWR ID	DWR_NA0017_16_s _ 2012_180				
Action/Comments					
Firewood					

No Photos

LM Start	6.30	Rating **	M	Issue No.	1
LM End	6.30	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.988892 °	37.988892 °
				-121.085692 °	-121.085692 °
DWR ID	DWR_NA0017_16_s _ 2012_1				
Action/Comments					
Pole					

No Photos

LM Start	6.32	Rating **	M	Issue No.	59
LM End	6.32	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.988708 °	37.988708 °
				-121.085845 °	-121.085845 °
DWR ID	DWR_NA0017_16_s _ 2012_59				
Action/Comments					
Prunings					

Photo 1 of 3 : pkazi_s_20140415_502.jpg



View of a large prunings pile on waterward side and access road blocking visibility and access looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	6.32	Rating **	M	Issue No.	59 (cont)
LM End	6.32	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.988708 °	37.988708 °
				-121.085845 °	-121.085845 °
DWR ID	DWR_NA0017_16_s _ 2012_59				
Action/Comments					
Prunings					

Photo 2 of 3 : pkazi_s_20140415_503.jpg



Prunings were found on the waterside of the levee looking upstream.
This picture was taken during fall 2011 inspection.

LM Start	6.32	Rating **	M	Issue No.	59 (cont)
LM End	6.32	Issue Type +	En	Location *	WS

Photo 3 of 3 : pkazi_s_20140415_504.jpg



View of the prunings pile on the waterside shoulder of the levee looking upstream during fall 2013 inspection.

LM Start	6.35	Rating **	M	Issue No.	170
LM End	6.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.988385 °	37.988385 °
				-121.086292 °	-121.086292 °
DWR ID	DWR_NA0017_16_s _ 2012_170				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and					

Photo 1 of 1 : pkazi_s_20140415_590.jpg



An animal hole was found on the waterside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	6.44	Rating **	M	Issue No.	50
LM End	6.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.987303 °	37.987303 °
				-121.087292 °	-121.087292 °
DWR ID	DWR_NA0017_16_s_2014_50				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140505_944.jpg



View of a rodent hole on the waterside slope of the levee. The picture was taken from the opposite side of the levee.

LM Start	6.72	Rating **	U	Issue No.	210
LM End	6.91	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.983279 °	37.983279 °
				-121.090843 °	-121.090843 °
DWR ID	DWR_NA0017_16_s_2014_210				
Action/Comments					
Inspector Comments: 9/12/2013: Site has been surveyed and the erosion has worsened since last year. 08/22/2012: Discontinuous scarp or pocket erosions occurred along a long stretch of the river, with erosion height greater than 25 ft at certain points. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM16.27]					

Photo 1 of 1 : pkazi_s_20140415_614.jpg



Looking at the upstream end of erosion site.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	6.82	Rating **	M	Issue No.	151
LM End	6.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.982945 °	37.982945 °
				-121.091270 °	-121.091270 °
DWR ID	DWR_NA0017_16_f_2013_151				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : pkazi_s_20140512_974.jpg



Updated picture of the erosion on the waterside slope of the levee during spring 2014 inspection.

LM Start	6.82	Rating **	M	Issue No.	151 (cont)
LM End	6.82	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_571.jpg



Erosion was found on the waterside slope of the levee looking upstream.

LM Start	6.92	Rating **	M	Issue No.	120
LM End	6.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.982299 °	37.982299 °
				-121.092665 °	-121.092665 °
DWR ID	DWR_NA0017_16_s_2014_120				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140512_973.jpg



Slope instability was found on the waterside of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	7.01	Rating **	M	Issue No.	60
LM End	7.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation				°
					°
DWR ID	DWR_NA0017_16_s_2012_60				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_505.jpg



Cacti were found on the waterside of the levee looking upstream.

LM Start	7.08	Rating **	M	Issue No.	119
LM End	7.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.980984 °	37.979650 °
				-121.094921 °	-121.098163 °
DWR ID	DWR_NA0017_16_s_2014_119				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	7.11	Rating **	M	Issue No.	96
LM End	7.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.980849 °	37.979743 °
				-121.095438 °	-121.098220 °
DWR ID	DWR_NA0017_16_f_2012_96				
Action/Comments					
Crops					
Inspector Comments: Saplings located at toe of levee. Levee is slightly higher than the ground level at this location. Action has been started with the Board regarding these encroachments.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	7.29	Rating **	M	Issue No.	167
LM End	7.29	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979642 °	37.979642 °
				-121.098161 °	-121.098161 °
DWR ID	DWR_NA0017_16_s_2012_167				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_587.jpg



Prunings were found on the waterside shoulder of the levee looking downstream.

LM Start	7.35	Rating **	U	Issue No.	212
LM End	7.41	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.978572 °	37.978572 °
				-121.101892 °	-121.101892 °
DWR ID	DWR_NA0017_16_s_2014_212				
Action/Comments					
Inspector Comments: 09/12/2013: The site is located at immediately downstream of a levee segment protected by broken concrete. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM10.82]					

Photo 1 of 1 : pkazi_s_20140415_615.jpg



Close view of erosion.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	7.37	Rating **	M	Issue No.	61
LM End	7.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.978850 °	37.978850 °
				-121.099325 °	-121.099325 °
DWR ID	DWR_NA0017_16_s_2012_61				
Action/Comments					
Debris					
Inspector Comments: Farmer has burned the material, but some new material has been placed. Farmer has been told to not put any material at this location in the future.					

Photo 1 of 1 : pkazi_s_20140415_506.jpg



Debris and prunings were found on the waterside of the levee looking upstream.

LM Start	7.57	Rating **	U	Issue No.	218
LM End	7.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control				°
					°
DWR ID	DWR_NA0017_16_s_2012_218				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_621.jpg



A possible beaver den was found on waterside slope of the levee. The picture was taken from the opposite bank of the levee.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	7.63	Rating **	C	Issue No.	131
LM End	7.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.977413 °	37.977413 °
				-121.103549 °	-121.103549 °
DWR ID	DWR_NA0017_16_f_2013_131				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion due to runoff on the waterside of the levee.					

No Photos

LM Start	7.68	Rating **	M	Issue No.	162
LM End	7.68	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.977000 °	37.977000 °
				-121.104234 °	-121.104234 °
DWR ID	DWR_NA0017_16_s_2012_162				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_582.jpg



Equipment was found on the waterside of the levee looking upstream.

LM Start	8.34	Rating **	M	Issue No.	93
LM End	8.34	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.971311 °	37.971311 °
				-121.113033 °	-121.113033 °
DWR ID	DWR_NA0017_16_s_2012_93				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_529.jpg



Prunings were found on the landside of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	8.54	Rating **	M	Issue No.	79
LM End	8.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.969472 °	37.969114 °
				-121.115350 °	-121.117417 °
DWR ID	DWR_NA0017_16_s_2012_79				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_520.jpg



Prunings were found on the waterside of the levee looking upstream.

LM Start	8.61	Rating **	M	Issue No.	214
LM End	8.65	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.969213 °	37.969213 °
				-121.116574 °	-121.116574 °
DWR ID	DWR_NA0017_16_s_2014_214				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed 08/22/2012: Erosion occurred on a berm of approximately 25 ft wide. Site is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM14.48]					

Photo 1 of 1 : pkazi_s_20140415_618.jpg



Looking at the site from right river bank.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	8.85	Rating **	M	Issue No.	128
LM End	8.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.968157 °	37.968157 °
				-121.120620 °	-121.120620 °
DWR ID	DWR_NA0017_16_s_2013_128				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : pkazi_s_20140512_971.jpg



Updated picture of the slope instability on the waterside of the levee looking upstream during spring 2014 inspection.

LM Start	8.85	Rating **	M	Issue No.	128 (cont)
LM End	8.85	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_551.jpg



Slope instability was found on the waterside slope of the levee looking downstream.

LM Start	8.94	Rating **	M	Issue No.	127
LM End	8.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.968164 °	37.968164 °
				-121.122184 °	-121.122184 °
DWR ID	DWR_NA0017_16_f_2013_127				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and					

Photo 1 of 1 : pkazi_s_20140415_550.jpg



A collapsed animal hole was found on the waterside shoulder of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	8.99	Rating **	M	Issue No.	215
LM End	8.99	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.966615 °	37.966615 °
				-121.127328 °	-121.127328 °
DWR ID	DWR_NA0017_16_s_2014_215				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed 08/22/2012: Pocket erosion at the levee toe and slope. The erosion is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM13.86]					

Photo 1 of 1 : pkazi_s_20140415_619.jpg



Front view of erosion.

LM Start	9.07	Rating **	U	Issue No.	217
LM End	9.07	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.967019 °	37.967019 °
				-121.127581 °	-121.127581 °
DWR ID	DWR_NA0017_16_s_2014_217				
Action/Comments					
Inspector Comments: 9/12/2013: The erosion might have been caused by river flow combined with runoff. Dense vegetation is presents at the site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM13.85]					

Photo 1 of 1 : pkazi_s_20140415_620.jpg



Looking at the site from right river bank.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	9.27	Rating **	M	Issue No.	129
LM End	9.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.966580 °	37.966580 °
				-121.127376 °	-121.127376 °
DWR ID	DWR_NA0017_16_s _ 2013_129				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : pkazi_s_20140512_970.jpg



Updated picture of the erosion on the waterside of the levee looking upstream during spring 2014 inspection.

LM Start	9.27	Rating **	M	Issue No.	129 (cont)
LM End	9.27	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_552.jpg



Erosion was found on the waterside slope of the levee looking upstream.

LM Start	9.39	Rating **	M	Issue No.	219
LM End	9.41	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.966922 °	37.966922 °
				-121.129533 °	-121.129533 °
DWR ID	DWR_NA0017_16_s _ 2014_219				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed					

Photo 1 of 1 : pkazi_s_20140415_622.jpg



Looking downstream at the erosion.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	9.44	Rating **	M	Issue No.	113
LM End	9.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.967001 °	37.967001 °
				-121.130362 °	-121.130362 °
DWR ID	DWR_NA0017_16_s_2014_113				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140512_969.jpg



An animal hole was found on the waterside shoulder of the levee looking upstream.

LM Start	9.45	Rating **	M	Issue No.	28
LM End	9.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.966239 °	37.966239 °
				-121.136172 °	-121.136172 °
DWR ID	DWR_NA0017_16_f_2013_28				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion was found on the waterside toe of the levee.					

Photo 1 of 1 : pkazi_s_20140415_486.jpg



View of the erosion on the waterside toe of the levee looking from the opposite side of the levee.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	9.50	Rating **	U	Issue No.	147
LM End	9.50	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.966952 °	37.966952 °
				-121.131360 °	-121.131360 °
DWR ID	DWR_NA0017_16_s_2012_147				
Action/Comments					
Pipe					
Inspector Comments: PVC pipe under the crown of the levee.					

Photo 1 of 1 : pkazi_s_20140415_568.jpg



A PVC pipe was found on the waterside slope of the levee looking upstream.

LM Start	9.58	Rating **	M	Issue No.	222
LM End	9.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.967190 °	37.967190 °
				-121.133080 °	-121.133080 °
DWR ID	DWR_NA0017_16_s_2014_222				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed 08/22/2012: Erosion is on berm. The berm width is estimated. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM13.53]					

Photo 1 of 1 : pkazi_s_20140415_623.jpg



Looking downstream at the erosion.

LM Start	9.64	Rating **	C	Issue No.	64
LM End	9.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.966512 °	37.966512 °
				-121.133739 °	-121.133739 °
DWR ID	DWR_NA0017_16_f_2013_64				
Action/Comments					
Prunings					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	9.64	Rating **	M	Issue No.	125
LM End	9.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.966494 °	37.966494 °
				-121.133793 °	-121.133793 °
DWR ID	DWR_NA0017_16_f_2013_125				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_549.jpg



A rodent hole was found on the waterside shoulder of the levee looking upstream.

LM Start	9.77	Rating **	A/W	Issue No.	194
LM End	9.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.965854 °	37.965854 °
				-121.135960 °	-121.135960 °
DWR ID	DWR_NA0017_16_s_2012_194				
Action/Comments					
Pipe Inspector Comments: Drain pipe from the farmer needs repair.					

Photo 1 of 1 : pkazi_s_20140415_601.jpg



An abandon pipe was left by the farmer. The picture was taken from the toe of the landside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	10.16	Rating **	M	Issue No.	223
LM End	10.18	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.964735 °	37.964735 °
				-121.142503 °	-121.142503 °
DWR ID	DWR_NA0017_16_s _ 2014_223				
Action/Comments					
Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Dense vegetation on site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM12.95]					

Photo 1 of 1 : pkazi_s_20140415_624.jpg



Front view of erosion.

LM Start	10.77	Rating **	M	Issue No.	91
LM End	10.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.964159 °	37.964159 °
				-121.153094 °	-121.153094 °
DWR ID	DWR_NA0017_16_s _ 2012_91				
Action/Comments					
Prunings					

No Photos

LM Start	10.80	Rating **	M	Issue No.	80
LM End	10.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.964053 °	37.964053 °
				-121.153671 °	-121.153671 °
DWR ID	DWR_NA0017_16_s _ 2012_80				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	10.83	Rating **	M	Issue No.	81
LM End	10.83	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.963807 °	37.963807 °
				-121.154087 °	-121.154087 °
DWR ID	DWR_NA0017_16_s_2012_81				
Action/Comments					
Pole					

No Photos

LM Start	10.84	Rating **	M	Issue No.	159
LM End	10.88	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.963704 °	37.963524 °
				-121.154321 °	-121.155045 °
DWR ID	DWR_NA0017_16_s_2012_159				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_579.jpg



View of landscaping on waterward side looking upstream.

LM Start	10.87	Rating **	M	Issue No.	787
LM End	10.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments				°
					°
DWR ID	DWR_NA0017_16_s_2012_787				
Action/Comments					
Debris					

Photo 1 of 1 : pkazi_s_20140415_629.jpg



Concrete debris was found on the waterside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	11.07	Rating **	M	Issue No.	90
LM End	11.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.962472 °	37.962472 °
				-121.158112 °	-121.158112 °
DWR ID	DWR_NA0017_16_s_2012_90				
Action/Comments					
Prunings					

Photo 1 of 2 : pkazi_s_20140415_526.jpg



Prunings were found on the waterside of the levee looking downstream.

LM Start	11.07	Rating **	M	Issue No.	90 (cont)
LM End	11.07	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_527.jpg



Prunings were found on the waterside shoulder of the levee looking downstream.

LM Start	11.11	Rating **	M	Issue No.	139
LM End	11.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.962182 °	37.962182 °
				-121.158684 °	-121.158684 °
DWR ID	DWR_NA0017_16_s_2013_139				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : pkazi_s_20140512_968.jpg



Updated picture of the erosion on the waterside shoulder of the levee looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	11.11	Rating **	M	Issue No.	139 (cont)	
LM End	11.11	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			37.962182	°	37.962182
				-121.158684	°	-121.158684
DWR ID	DWR_NA0017_16_s_2013_139					
Action/Comments						
Schedule repair of erosion site prior to the next inspection.						

Photo 2 of 2 : pkazi_s_20140415_561.jpg



Erosion was found on the waterside of the levee looking downstream.

LM Start	11.16	Rating **	M	Issue No.	140
LM End	11.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.961681 °	37.961681 °
				-121.159346 °	-121.159346 °
DWR ID	DWR_NA0017_16_s_2013_140				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140415_562.jpg



An animal hole was found on the waterside slope of the levee looking downstream.

LM Start	11.21	Rating **	M	Issue No.	108
LM End	11.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.961494 °	37.961494 °
				-121.160196 °	-121.160196 °
DWR ID	DWR_NA0017_16_s_2014_108				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140512_967.jpg



Rodent holes were found on the waterside shoulder of the levee looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	11.52	Rating **	M	Issue No.	88
LM End	11.59	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.960282 °	37.960118 °
				-121.165380 °	-121.166580 °
DWR ID	DWR_NA0017_16_s_2012_88				
Action/Comments					
Equipment					

Photo 1 of 1 : pkazi_s_20140415_525.jpg



Equipment was found on the waterside of the levee looking upstream.

LM Start	12.15	Rating **	M	Issue No.	105
LM End	12.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.961339 °	37.960225 °
				-121.176488 °	-121.190789 °
DWR ID	DWR_NA0017_16_s_2014_105				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	12.50	Rating **	M	Issue No.	89
LM End	13.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.960947 °	37.960472 °
				-121.182779 °	-121.199024 °
DWR ID	DWR_NA0017_16_s_2014_89				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	12.60	Rating **	M	Issue No.	126
LM End	12.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.960563 °	37.960563 °
				-121.184384 °	-121.184384 °
DWR ID	DWR_NA0017_16_s _ 2012_126				
Action/Comments					
Pole					

No Photos

LM Start	12.72	Rating **	C	Issue No.	142
LM End	12.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			37.960322 °	37.960322 °
				-121.186672 °	-121.186672 °
DWR ID	DWR_NA0017_16_s _ 2013_142				
Action/Comments					
Schedule repair of subsidence prior to the next inspection.					

No Photos

LM Start	13.17	Rating **	C	Issue No.	148
LM End	13.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.959425 °	37.959425 °
				-121.194593 °	-121.194593 °
DWR ID	DWR_NA0017_16_s _ 2012_148				
Action/Comments					
Prunings Inspector Comments: Move or remove prunings pile to allow access through the gate.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	13.41	Rating **	M	Issue No.	97
LM End	13.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.960567 °	37.960567 °
				-121.198386 °	-121.198386 °
DWR ID	DWR_NA0017_16_s_2014_97				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : pkazi_s_20140512_964.jpg



A rodent hole was found on the landside of the levee looking upstream.

LM Start	14.58	Rating **	M	Issue No.	145
LM End	14.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.966751 °	37.966751 °
				-121.216677 °	-121.216677 °
DWR ID	DWR_NA0017_16_s_2013_145				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : pkazi_s_20140415_566.jpg



Erosion was found on the landside of the levee looking upstream.

LM Start	14.58	Rating **	M	Issue No.	145 (cont)
LM End	14.58	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : pkazi_s_20140415_567.jpg



Updated picture of the erosion due to runoff on the landside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	15.52	Rating **	M	Issue No.	75
LM End	15.52	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.973588 °	37.973588 °
				-121.231265 °	-121.231265 °
DWR ID	DWR_NA0017_16_s_2014_75				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and					

Photo 1 of 1 : pkazi_s_20140512_963.jpg



A rodent hole was found on the crown of the levee looking upstream.

LM Start	15.61	Rating **	M	Issue No.	51
LM End	16.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.974152 °	37.978244 °
				-121.232688 °	-121.242206 °
DWR ID	DWR_NA0017_16_s_2014_51				
Action/Comments					
Ditch Inspector Comments: Concrete lined ditch					

No Photos

LM Start	16.52	Rating **	M	Issue No.	71
LM End	16.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.980250 °	37.980250 °
				-121.247141 °	-121.247141 °
DWR ID	DWR_NA0017_16_s_2014_71				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	16.83	Rating **	M	Issue No.	150
LM End	16.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.982318 °	37.982318 °
				-121.252095 °	-121.252095 °
DWR ID	DWR_NA0017_16_s_2013_150				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					
Inspector Comments: Runoff					

Photo 1 of 1 : pkazi_s_20140415_570.jpg



Erosion was found on the landside of the levee looking downstream.

LM Start	17.20	Rating **	C	Issue No.	112
LM End	17.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.984870 °	37.984870 °
				-121.258018 °	-121.258018 °
DWR ID	DWR_NA0017_16_f_2013_112				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	17.57	Rating **	M	Issue No.	69
LM End	17.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.987313 °	37.987607 °
				-121.263725 °	-121.264392 °
DWR ID	DWR_NA0017_16_s_2012_69				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_513.jpg



Fence was found on the landside toe of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	19.00	Rating **	M	Issue No.	143
LM End	19.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.992385 °	37.992564 °
				-121.287251 °	-121.290846 °
DWR ID	DWR_NA0017_16_s_2012_143				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_564.jpg



View of a fence along the landward toe looking upstream.

LM Start	19.12	Rating **	M	Issue No.	144
LM End	19.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.992834 °	37.992795 °
				-121.289403 °	-121.289685 °
DWR ID	DWR_NA0017_16_s_2012_144				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_565.jpg



View of landscaping along the landward toe.

LM Start	19.35	Rating **	C	Issue No.	154
LM End	19.35	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.992056 °	37.992056 °
				-121.293470 °	-121.293470 °
DWR ID	DWR_NA0017_16_s_2013_154				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The hole goes at least 3 feet deep.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	19.37	Rating **	C	Issue No.	156
LM End	19.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.991948 °	37.991948 °
				-121.293828 °	-121.293828 °
DWR ID	DWR_NA0017_16_s _ 2013_156				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	19.41	Rating **	C	Issue No.	158
LM End	19.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.991854 °	37.991854 °
				-121.294350 °	-121.294350 °
DWR ID	DWR_NA0017_16_s _ 2013_158				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	19.42	Rating **	C	Issue No.	160
LM End	19.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.991803 °	37.991803 °
				-121.294654 °	-121.294654 °
DWR ID	DWR_NA0017_16_s _ 2013_160				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	19.47	Rating **	M	Issue No.	137
LM End	19.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.991653 °	37.991169 °
				-121.295441 °	-121.297768 °
DWR ID	DWR_NA0017_16_s_2012_137				
Action/Comments					
Fence					
Inspector Comments: Barbed wire					

Photo 1 of 1 : pkazi_s_20140415_560.jpg



View of a barbed wire fence and landscaping along the landward shoulder and slope looking upstream.

LM Start	19.48	Rating **	N	Issue No.	65
LM End	19.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.991617 °	37.991617 °
				-121.295628 °	-121.295628 °
DWR ID	DWR_NA0017_16_s_2012_65				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : pkazi_s_20140415_509.jpg



Tree stump was found on the landside of the levee looking upstream.

LM Start	19.60	Rating **	M	Issue No.	136
LM End	19.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.991204 °	37.991053 °
				-121.297757 °	-121.299231 °
DWR ID	DWR_NA0017_16_s_2012_136				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_559.jpg



View of the landscaping on the landside shoulder of the levee looking downstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

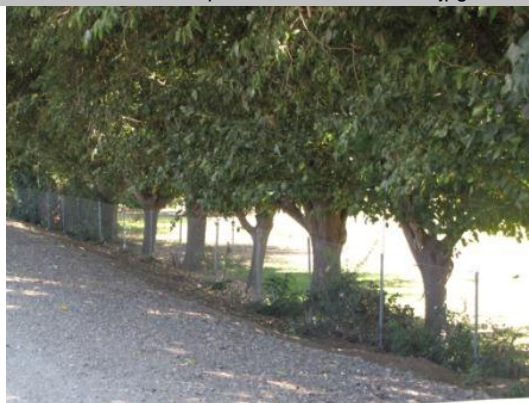
Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	19.60	Rating **	M	Issue No.	135
LM End	19.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.991171 °	37.991044 °
				-121.297767 °	-121.299334 °
DWR ID	DWR_NA0017_16_s_2012_135				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_558.jpg



View of a fence along the landward slope looking upstream.

LM Start	19.82	Rating **	M	Issue No.	134
LM End	19.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.991130 °	37.990950 °
				-121.301742 °	-121.303084 °
DWR ID	DWR_NA0017_16_s_2012_134				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_557.jpg



View of a fence along the landward toe looking upstream.

LM Start	19.83	Rating **	M	Issue No.	37
LM End	19.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.991127 °	37.991127 °
				-121.301817 °	-121.301817 °
DWR ID	DWR_NA0017_16_f_2012_37				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_488.jpg



Landscaping was found on the landside shoulder of the levee looking upstream.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	19.84	Rating **	C	Issue No.	100
LM End	19.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.991105 °	37.991105 °
				-121.302092 °	-121.302092 °
DWR ID	DWR_NA0017_16_f_2013_100				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	19.90	Rating **	M	Issue No.	133
LM End	19.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.990948 °	37.990903 °
				-121.303099 °	-121.303354 °
DWR ID	DWR_NA0017_16_s_2012_133				
Action/Comments					
Fence					
Inspector Comments: Wire fence					

Photo 1 of 1 : pkazi_s_20140415_556.jpg



Wire fence was found on the toe of landside of the levee looking downstream.

LM Start	20.04	Rating **	U	Issue No.	78
LM End	20.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.989681 °	37.989681 °
				-121.305221 °	-121.305221 °
DWR ID	DWR_NA0017_16_s_2012_78				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_519.jpg



Fences were obstructing the landside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	20.05	Rating **	M	Issue No.	36
LM End	20.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.989382 °	37.989382 °
				-121.305158 °	-121.305158 °
DWR ID	DWR_NA0017_16_s_2012_36				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_487.jpg



Wooden fence on the landside of the levee looking upstream.

LM Start	20.08	Rating **	U	Issue No.	35
LM End	20.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.989032 °	37.989032 °
				-121.305465 °	-121.305465 °
DWR ID	DWR_NA0017_16_s_2012_35				
Action/Comments					
Landscaping					

No Photos

LM Start	20.09	Rating **	U	Issue No.	34
LM End	20.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.988942 °	37.988942 °
				-121.305548 °	-121.305548 °
DWR ID	DWR_NA0017_16_s_2012_34				
Action/Comments					
Landscaping					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	20.11	Rating **	M	Issue No.	33
LM End	20.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.988632 °	37.988632 °
				-121.305733 °	-121.305733 °
DWR ID	DWR_NA0017_16_s _ 2012_33				
Action/Comments					
Landscaping					

No Photos

LM Start	20.13	Rating **	M	Issue No.	77
LM End	20.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.988436 °	37.988436 °
				-121.305966 °	-121.305966 °
DWR ID	DWR_NA0017_16_s _ 2012_77				
Action/Comments					
Landscaping					

No Photos

LM Start	20.15	Rating **	M	Issue No.	32
LM End	20.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.988215 °	37.988215 °
				-121.305940 °	-121.305940 °
DWR ID	DWR_NA0017_16_s _ 2012_32				
Action/Comments					
Landscaping					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	20.16	Rating **	M	Issue No.	31
LM End	20.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.988035 °	37.988035 °
				-121.306035 °	-121.306035 °
DWR ID	DWR_NA0017_16_s _ 2012_31				
Action/Comments					
Landscaping					

No Photos

LM Start	20.17	Rating **	M	Issue No.	30
LM End	20.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.987907 °	37.987907 °
				-121.306102 °	-121.306102 °
DWR ID	DWR_NA0017_16_s _ 2012_30				
Action/Comments					
Landscaping					

No Photos

LM Start	20.18	Rating **	M	Issue No.	29
LM End	20.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.987723 °	37.987723 °
				-121.306157 °	-121.306157 °
DWR ID	DWR_NA0017_16_s _ 2012_29				
Action/Comments					
Landscaping					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	20.23	Rating **	U	Issue No.	27
LM End	20.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.987093 °	37.987093 °
				-121.306495 °	-121.306495 °
DWR ID	DWR_NA0017_16_s_2012_27				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_485.jpg



A fence was found on the landside shoulder of the levee looking upstream.

LM Start	20.25	Rating **	U	Issue No.	26
LM End	20.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.986857 °	37.986857 °
				-121.306602 °	-121.306602 °
DWR ID	DWR_NA0017_16_s_2012_26				
Action/Comments					
Landscaping					

No Photos

LM Start	20.26	Rating **	M	Issue No.	161
LM End	20.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.986848 °	37.986848 °
				-121.306716 °	-121.306716 °
DWR ID	DWR_NA0017_16_s_2013_161				
Action/Comments					
Tank					
Inspector Comments: An unpermitted tank was found on the landside toe of the levee.					

Photo 1 of 2 : pkazi_s_20140512_962.jpg



View of the tank (unpermitted) on the landside toe of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	20.26	Rating **	M	Issue No.	161 (cont)
LM End	20.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.986848 °	37.986848 °
				-121.306716 °	-121.306716 °
DWR ID	DWR_NA0017_16_s_2013_161				
Action/Comments					
Tank					
Inspector Comments: An unpermitted tank was found on the landside toe of the levee.					

Photo 2 of 2 : pkazi_s_20140415_581.jpg



A newly installed tank (unpermitted) was found on the landside toe of the levee looking downstream.

LM Start	20.26	Rating **	M	Issue No.	132
LM End	20.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.986906 °	37.986619 °
				-121.306688 °	-121.306892 °
DWR ID	DWR_NA0017_16_s_2012_132				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_555.jpg



View of a fence along the landward slope looking upstream.

LM Start	20.45	Rating **	M	Issue No.	178
LM End	20.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.984576 °	37.984215 °
				-121.308320 °	-121.308818 °
DWR ID	DWR_NA0017_16_s_2012_178				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_597.jpg



Landscaping was found on the toe of landside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	20.83	Rating **	M	Issue No.	130
LM End	20.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.980958 °	37.980958 °
				-121.313596 °	-121.313596 °
DWR ID	DWR_NA0017_16_s_2012_130				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_553.jpg



View of landscaping planted and maintained by UOP along the landward slope and toe looking upstream.

LM Start	20.97	Rating **	M	Issue No.	174
LM End	20.97	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979679 °	37.979679 °
				-121.315359 °	-121.315359 °
DWR ID	DWR_NA0017_16_s_2013_174				
Action/Comments					
Tank					
Inspector Comments: It appears to be a compressor on the waterside shoulder of the levee.					

Photo 1 of 1 : pkazi_s_20140415_594.jpg



A compressor was found on the waterside shoulder of the levee looking upstream.

LM Start	21.17	Rating **	U	Issue No.	25
LM End	21.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.978855 °	37.978855 °
				-121.319108 °	-121.319108 °
DWR ID	DWR_NA0017_16_s_2012_25				
Action/Comments					
Fence					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	21.18	Rating **	U	Issue No.	24
LM End	21.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.978958 °	37.978958 °
				-121.319258 °	-121.319258 °
DWR ID	DWR_NA0017_16_s_2012_24				
Action/Comments					
Fence					

No Photos

LM Start	21.20	Rating **	U	Issue No.	23
LM End	21.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979107 °	37.979107 °
				-121.319415 °	-121.319415 °
DWR ID	DWR_NA0017_16_s_2012_23				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_484.jpg



Fence was found on the landside toe of the levee looking upstream.

LM Start	21.26	Rating **	N	Issue No.	95
LM End	21.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.979739 °	37.979739 °
				-121.319993 °	-121.319993 °
DWR ID	DWR_NA0017_16_s_2012_95				
Action/Comments					
Tree stumps.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	21.29	Rating **	C	Issue No.	94
LM End	21.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.980012 °	37.980012 °
				-121.320317 °	-121.320317 °
DWR ID	DWR_NA0017_16_f_2013_94				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	21.30	Rating **	N	Issue No.	84
LM End	21.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.980085 °	37.980085 °
				-121.320448 °	-121.320448 °
DWR ID	DWR_NA0017_16_s_2012_84				
Action/Comments					
Tree stumps.					

No Photos

LM Start	21.31	Rating **	M	Issue No.	86
LM End	21.31	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.980156 °	37.980156 °
				-121.320615 °	-121.320615 °
DWR ID	DWR_NA0017_16_f_2013_86				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

Photo 1 of 1 : pkazi_s_20140415_523.jpg



Crown depression was found on the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	21.31	Rating **	M	Issue No.	83
LM End	21.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.980192 °	37.980192 °
				-121.320720 °	-121.320720 °
DWR ID	DWR_NA0017_16_f_2013_83				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : pkazi_s_20140512_961.jpg



View of rodent holes on the landside of the levee looking upstream during spring 2014 inspection.

LM Start	21.31	Rating **	M	Issue No.	83 (cont)
LM End	21.31	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : pkazi_s_20140415_522.jpg



A rodent hole was found on the landside of the levee looking upstream.

LM Start	21.36	Rating **	C	Issue No.	14
LM End	21.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.980426 °	37.980426 °
				-121.321599 °	-121.321599 °
DWR ID	DWR_NA0017_16_f_2012_14				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	21.37	Rating **	M	Issue No.	175
LM End	21.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.980477 °	37.980477 °
				-121.321656 °	-121.321656 °
DWR ID	DWR_NA0017_16_s _ 2013_175				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140415_595.jpg



Slope instability was found on the waterside slope of the levee looking upstream.

LM Start	21.44	Rating **	M	Issue No.	197
LM End	21.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.980569 °	37.980569 °
				-121.322985 °	-121.322985 °
DWR ID	DWR_NA0017_16_s _ 2013_197				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : pkazi_s_20140512_960.jpg



updated picture of the erosion on the waterside of the levee looking upstream during spring 2014 inspection.

LM Start	21.44	Rating **	M	Issue No.	197 (cont)
LM End	21.44	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_604.jpg



Erosion was found on the waterside slope of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	21.52	Rating **	M	Issue No.	82
LM End	21.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.980845 °	37.980845 °
				-121.324241 °	-121.324241 °
DWR ID	DWR_NA0017_16_f_2013_82				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : pkazi_s_20140512_959.jpg



Updated picture of erosion on the waterside of the levee looking upstream during spring 2014 inspection.

LM Start	21.52	Rating **	M	Issue No.	82 (cont)
LM End	21.52	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_521.jpg



Erosion was found on the waterside of the levee looking upstream.

LM Start	21.54	Rating **	M	Issue No.	761
LM End	21.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments				°
					°
DWR ID	DWR_NA0017_16_s_2012_761				
Action/Comments					
Pipe					

Photo 1 of 1 : pkazi_s_20140415_628.jpg



An abandoned pipe was found on the waterside of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	21.54	Rating **	C	Issue No.	76
LM End	21.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.980847 °	37.980847 °
				-121.324754 °	-121.324754 °
DWR ID	DWR_NA0017_16_f_2013_76				
Action/Comments					
Prunings					

No Photos

LM Start	21.58	Rating **	M	Issue No.	22
LM End	21.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.980918 °	37.980918 °
				-121.325630 °	-121.325630 °
DWR ID	DWR_NA0017_16_s_2012_22				
Action/Comments					
Landscaping					

No Photos

LM Start	21.64	Rating **	M	Issue No.	21
LM End	21.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.981132 °	37.981132 °
				-121.326753 °	-121.326753 °
DWR ID	DWR_NA0017_16_s_2012_21				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_483.jpg



Landscaping was found on the landside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	21.71	Rating **	M	Issue No.	20
LM End	21.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.981185 °	37.981185 °
				-121.327822 °	-121.327822 °
DWR ID	DWR_NA0017_16_s_2012_20				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_482.jpg



Landscaping was found on the landside shoulder of the levee looking upstream.

LM Start	21.73	Rating **	M	Issue No.	19
LM End	21.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.980972 °	37.980972 °
				-121.328217 °	-121.328217 °
DWR ID	DWR_NA0017_16_s_2012_19				
Action/Comments					
Landscaping					

No Photos

LM Start	21.78	Rating **	M	Issue No.	74
LM End	21.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.980773 °	37.980773 °
				-121.328866 °	-121.328866 °
DWR ID	DWR_NA0017_16_f_2013_74				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff					

Photo 1 of 1 : pkazi_s_20140415_517.jpg



Erosion due to runoff was found on the waterside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	21.83	Rating **	M	Issue No.	70
LM End	21.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.980543 °	37.980543 °
				-121.329590 °	-121.329590 °
DWR ID	DWR_NA0017_16_f_2013_70				
Action/Comments					
Debris					

Photo 1 of 1 : pkazi_s_20140415_514.jpg



Debris was found on the waterside shoulder of the levee looking upstream.

LM Start	21.84	Rating **	M	Issue No.	67
LM End	21.84	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.980529 °	37.980529 °
				-121.329822 °	-121.329822 °
DWR ID	DWR_NA0017_16_s_2012_67				
Action/Comments					
Retaining Wall					
Inspector Comments: Retaining wall on waterside toe of the levee.					

Photo 1 of 1 : pkazi_s_20140415_511.jpg



A retaining wall was found on the waterside toe of the levee looking upstream.

LM Start	21.85	Rating **	M	Issue No.	17
LM End	21.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.980288 °	37.980288 °
				-121.330173 °	-121.330173 °
DWR ID	DWR_NA0017_16_s_2012_17				
Action/Comments					
Landscaping					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	21.88	Rating **	M	Issue No.	16
LM End	21.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.980178 °	37.980178 °
				-121.330588 °	-121.330588 °
DWR ID	DWR_NA0017_16_s_2012_16				
Action/Comments					
Landscaping					

No Photos

LM Start	21.90	Rating **	M	Issue No.	15
LM End	21.90	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.980042 °	37.980042 °
				-121.330953 °	-121.330953 °
DWR ID	DWR_NA0017_16_s_2012_15				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_480.jpg



Landscaping was found on the landside of the levee looking downstream.

LM Start	21.91	Rating **	M	Issue No.	9
LM End	21.91	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.980147 °	37.980147 °
				-121.330945 °	-121.330945 °
DWR ID	DWR_NA0017_16_f_2012_9				
Action/Comments					
Stairway					

Photo 1 of 1 : pkazi_s_20140415_474.jpg



Stairs and fence were located on the waterside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	21.91	Rating **	U	Issue No.	12
LM End	21.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.980147 °	37.980147 °
				-121.330947 °	-121.330947 °
DWR ID	DWR_NA0017_16_f_2012_12				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_477.jpg



A fence was found on the landside shoulder of the levee looking upstream.

LM Start	21.97	Rating **	M	Issue No.	11
LM End	21.97	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.979652 °	37.979652 °
				-121.332265 °	-121.332265 °
DWR ID	DWR_NA0017_16_s_2012_11				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_476.jpg



View of landscaping on the waterside of the levee looking upstream.

LM Start	22.08	Rating **	M	Issue No.	8
LM End	22.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.979820 °	37.979820 °
				-121.334107 °	-121.334107 °
DWR ID	DWR_NA0017_16_s_2012_8				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_473.jpg



View of the landscape on the landside of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.13	Rating **	M	Issue No.	7
LM End	22.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.979717 °	37.979717 °
				-121.335107 °	-121.335107 °
DWR ID	DWR_NA0017_16_s_2012_7				
Action/Comments					
Landscaping					

No Photos

LM Start	22.15	Rating **	M	Issue No.	6
LM End	22.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979598 °	37.979598 °
				-121.335428 °	-121.335428 °
DWR ID	DWR_NA0017_16_s_2012_6				
Action/Comments					
Fence					

No Photos

LM Start	22.15	Rating **	M	Issue No.	68
LM End	22.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.979674 °	37.979674 °
				-121.335228 °	-121.335228 °
DWR ID	DWR_NA0017_16_f_2012_68				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140415_512.jpg



Erosion was found on the waterside slope of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.17	Rating **	M	Issue No.	118
LM End	22.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.979630 °	37.979450 °
				-121.335440 °	-121.339030 °
DWR ID	DWR_NA0017_16_s_2012_118				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_545.jpg



View of landscaping along landward slope looking upstream.

LM Start	22.17	Rating **	M	Issue No.	124
LM End	22.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979622 °	37.979570 °
				-121.335440 °	-121.335620 °
DWR ID	DWR_NA0017_16_s_2012_124				
Action/Comments					
Fence					
Inspector Comments: Metal open fence					

Photo 1 of 1 : pkazi_s_20140415_548.jpg



View of a fence and landscaping along the landward shoulder and slope looking upstream.

LM Start	22.19	Rating **	U	Issue No.	123
LM End	22.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979453 °	37.979400 °
				-121.335830 °	-121.336337 °
DWR ID	DWR_NA0017_16_s_2012_123				
Action/Comments					
Fence					
Inspector Comments: Solid wood fence					

Photo 1 of 1 : pkazi_s_20140415_547.jpg



View of a fence along the landward shoulder and slope looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.19	Rating **	M	Issue No.	122
LM End	22.21	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979505 °	37.979381 °
				-121.335823 °	-121.336341 °
DWR ID	DWR_NA0017_16_s _ 2012_122				
Action/Comments					
Fence					

No Photos

LM Start	22.21	Rating **	M	Issue No.	115
LM End	22.21	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments				°
					°
DWR ID	DWR_NA0017_16_s _ 2012_115				
Action/Comments					
Pipe Inspector Comments: Abandoned pipe was found on the waterside shoulder of the levee.					

Photo 1 of 2 : pkazi_s_20140415_541.jpg



An unpermitted abandoned pipe was found with electrical wires running through it on the waterside shoulder of the levee looking upstream.

LM Start	22.21	Rating **	M	Issue No.	115 (cont)
LM End	22.21	Issue Type +	En	Location *	WS

Photo 2 of 2 : pkazi_s_20140415_542.jpg



View of the electrical wires through the pipe is found on the waterside of the levee. The picture was taken from the crown looking towards the toe of the levee.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.26	Rating **	M	Issue No.	121
LM End	22.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979391 °	37.979404 °
				-121.337067 °	-121.337784 °
DWR ID	DWR_NA0017_16_s_2012_121				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_546.jpg



View of a fence along the landward shoulder looking upstream.

LM Start	22.27	Rating **	M	Issue No.	66
LM End	22.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.979393 °	37.979401 °
				-121.337241 °	-121.337502 °
DWR ID	DWR_NA0017_16_s_2012_66				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_510.jpg



Landscaping was found on the landside of the levee looking upstream.

LM Start	22.30	Rating **	M	Issue No.	203
LM End	22.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.979412 °	37.979412 °
				-121.337810 °	-121.337810 °
DWR ID	DWR_NA0017_16_s_2013_203				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : pkazi_s_20140415_606.jpg



Slope instability was found on the waterside slope of the levee looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.37	Rating **	M	Issue No.	117
LM End	22.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979454 °	37.979138 °
				-121.339031 °	-121.340034 °
DWR ID	DWR_NA0017_16_s_2012_117				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_544.jpg



View of fence and landscaping along landward slope looking upstream.

LM Start	22.41	Rating **	M	Issue No.	62
LM End	22.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.979251 °	37.979251 °
				-121.340012 °	-121.340012 °
DWR ID	DWR_NA0017_16_f_2013_62				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : pkazi_s_20140415_507.jpg



Erosion was found on the waterside slope of the levee looking upstream.

LM Start	22.43	Rating **	M	Issue No.	116
LM End	22.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.979094 °	37.978845 °
				-121.340095 °	-121.340572 °
DWR ID	DWR_NA0017_16_s_2012_116				
Action/Comments					
Fence Inspector Comments: Post and cable fence					

Photo 1 of 1 : pkazi_s_20140415_543.jpg



View of a post and cable fence along the landward slope looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.52	Rating **	U	Issue No.	48
LM End	22.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.978697 °	37.978697 °
				-121.341581 °	-121.341581 °
DWR ID	DWR_NA0017_16_s_2012_48				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Waterward bank damaged under I-5 and shows significant erosion. Currently, Caltrans is repairing the issue. (Permit # 18532)					

Photo 1 of 6 : pkazi_s_20140415_497.jpg



Updated picture of erosion was found on the waterside toe of the levee looking from the opposite side of the levee.

LM Start	22.52	Rating **	U	Issue No.	48 (cont)
LM End	22.52	Issue Type +	Ma	Location *	WS

Photo 2 of 6 : pkazi_s_20140505_954.jpg



Updated picture of the erosion under the (I-5) bridge done by Caltrans. The picture was taken from the crown of the levee during spring 2014 inspection.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.52	Rating **	U	Issue No.	48 (cont)
LM End	22.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.978697 °	37.978697 °
				-121.341581 °	-121.341581 °
DWR ID	DWR_NA0017_16_s_2012_48				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 3 of 6 : pkazi_s_20140415_496.jpg



Updated view of the erosion site over the I-5 bridge (southbound) repaired by Caltrans. This picture was taken from the crown of the levee looking upstream during spring 2013 inspection.

LM Start	22.52	Rating **	U	Issue No.	48 (cont)
LM End	22.52	Issue Type +	Ma	Location *	WS

Photo 4 of 6 : pkazi_s_20140415_495.jpg



Updated view of the erosion site repaired by Caltrans on the waterside slope of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.52	Rating **	U	Issue No.	48 (cont)
LM End	22.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.978697 °	37.978697 °
				-121.341581 °	-121.341581 °
DWR ID	DWR_NA0017_16_s _ 2012_48				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 5 of 6 : pkazi_s_20140415_494.jpg



View of the erosion site repaired by Caltrans under the I-5 freeway going southbound. This picture was taken from the toe of the levee looking upstream.

LM Start	22.52	Rating **	U	Issue No.	48 (cont)
LM End	22.52	Issue Type +	Ma	Location *	WS

Photo 6 of 6 : pkazi_s_20140415_493.jpg



View of the erosion under the I-5 bridge looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.52	Rating **	M	Issue No.	114
LM End	22.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.978464 °	37.978208 °
				-121.341620 °	-121.342190 °
DWR ID	DWR_NA0017_16_s_2012_114				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_540.jpg



View of post and cable fence along the landward levee slope looking upstream.

LM Start	22.58	Rating **	M	Issue No.	111
LM End	22.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.978078 °	37.975086 °
				-121.342523 °	-121.346027 °
DWR ID	DWR_NA0017_16_s_2012_111				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_538.jpg



Landscape was found on the landside of the levee looking upstream.

LM Start	22.58	Rating **	M	Issue No.	110
LM End	22.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.978081 °	37.975086 °
				-121.342519 °	-121.346027 °
DWR ID	DWR_NA0017_16_s_2012_110				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_537.jpg



View of fence and landscaping along the landward shoulder and slope looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.76	Rating **	M	Issue No.	43
LM End	22.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.976308 °	37.976308 °
				-121.344698 °	-121.344698 °
DWR ID	DWR_NA0017_16_f_2013_43				
Action/Comments					
Debris					

Photo 1 of 1 : pkazi_s_20140415_490.jpg



Debris was found on the waterside shoulder of the levee looking downstream.

LM Start	22.77	Rating **	M	Issue No.	204
LM End	22.77	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.976226 °	37.976226 °
				-121.344848 °	-121.344848 °
DWR ID	DWR_NA0017_16_s_2013_204				
Action/Comments					
Building					
Inspector Comments: Unpermitted dock					

Photo 1 of 1 : pkazi_s_20140415_607.jpg



A dock was found on the waterside toe of the levee looking upstream.

LM Start	22.87	Rating **	M	Issue No.	40
LM End	22.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.975145 °	37.975145 °
				-121.345972 °	-121.345972 °
DWR ID	DWR_NA0017_16_s_2014_40				
Action/Comments					
Tree or limb					
Inspector Comments: New planted tree on the waterside shoulder.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.87	Rating **	M	Issue No.	109
LM End	22.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.975087 °	37.974883 °
				-121.346027 °	-121.346298 °
DWR ID	DWR_NA0017_16_s_2012_109				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_536.jpg



View of fence along the landward slope.

LM Start	22.89	Rating **	M	Issue No.	46
LM End	23.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.974889 °	37.973127 °
				-121.346274 °	-121.348756 °
DWR ID	DWR_NA0017_16_s_2012_46				
Action/Comments					
Fence					

No Photos

LM Start	22.90	Rating **	M	Issue No.	107
LM End	23.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.974873 °	37.973108 °
				-121.346318 °	-121.348819 °
DWR ID	DWR_NA0017_16_s_2012_107				
Action/Comments					
Landscaping					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	22.90	Rating **	M	Issue No.	106
LM End	23.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.974869 °	37.973108 °
				-121.346317 °	-121.348820 °
DWR ID	DWR_NA0017_16_s_2012_106				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_535.jpg



View of fence and landscaping along the landward shoulder looking upstream.

LM Start	22.97	Rating **	C	Issue No.	47
LM End	22.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.974021 °	37.974021 °
				-121.347208 °	-121.347208 °
DWR ID	DWR_NA0017_16_f_2013_47				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	23.05	Rating **	M	Issue No.	45
LM End	23.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.973386 °	37.973386 °
				-121.348241 °	-121.348241 °
DWR ID	DWR_NA0017_16_f_2012_45				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Arrundo on the waterside of the levee.					

Photo 1 of 1 : pkazi_s_20140415_491.jpg



Arundo was found on the waterside slope of the levee looking upstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	23.07	Rating **	C	Issue No.	18
LM End	23.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.973205 °	37.973205 °
				-121.348633 °	-121.348633 °
DWR ID	DWR_NA0017_16_f_2012_18				
Action/Comments					
Stairway					

No Photos

LM Start	23.08	Rating **	M	Issue No.	104
LM End	23.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.973094 °	37.971660 °
				-121.348809 °	-121.350233 °
DWR ID	DWR_NA0017_16_s_2012_104				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_534.jpg



View of fence along the landward shoulder looking upstream.

LM Start	23.24	Rating **	M	Issue No.	103
LM End	23.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.971257 °	37.970858 °
				-121.350300 °	-121.350450 °
DWR ID	DWR_NA0017_16_s_2012_103				
Action/Comments					
Landscaping					

Photo 1 of 1 : pkazi_s_20140415_533.jpg



View of landscaping along the landward slope looking upstream.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	23.30	Rating **	M	Issue No.	101
LM End	23.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.970546 °	37.970021 °
				-121.350571 °	-121.350884 °
DWR ID	DWR_NA0017_16_s_2012_101				
Action/Comments					
Fence					

No Photos

LM Start	23.30	Rating **	M	Issue No.	102
LM End	23.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.970537 °	37.970019 °
				-121.350571 °	-121.350884 °
DWR ID	DWR_NA0017_16_s_2012_102				
Action/Comments					
Landscaping					

No Photos

LM Start	23.70	Rating **	M	Issue No.	192
LM End	23.70	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968392 °	37.968392 °
				-121.355721 °	-121.355721 °
DWR ID	DWR_NA0017_16_s_2012_192				
Action/Comments					
Pole					

Photo 1 of 1 : pkazi_s_20140415_600.jpg



View of vegetation along the waterward slope looking downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	23.70	Rating **	U	Issue No.	2
LM End	24.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.968510 °	37.966144 °
				-121.355729 °	-121.360210 °
DWR ID	DWR_NA0017_16_s_2012_2				
Action/Comments					
Landscaping					

No Photos

LM Start	23.70	Rating **	M	Issue No.	182
LM End	24.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968438 °	37.965997 °
				-121.355882 °	-121.360479 °
DWR ID	DWR_NA0017_16_s_2012_182				
Action/Comments					
Fence					
Inspector Comments: Chainlink fence along the landward slope.					

Photo 1 of 1 : pkazi_s_20140415_599.jpg



View of the fence along the landward slope looking downstream.

LM Start	23.80	Rating **	M	Issue No.	191
LM End	23.80	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.968015 °	37.968015 °
				-121.356672 °	-121.356672 °
DWR ID	DWR_NA0017_16_s_2012_191				
Action/Comments					
Pole					

No Photos

* Location
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WS : Water Side
CR : Crown

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+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	23.85	Rating **	M	Issue No.	189
LM End	23.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.967204 °	37.967204 °
				-121.357065 °	-121.357065 °
DWR ID	DWR_NA0017_16_s _ 2012_189				
Action/Comments					
Pole					

No Photos

LM Start	23.85	Rating **	M	Issue No.	190
LM End	23.85	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.967260 °	37.967260 °
				-121.357079 °	-121.357079 °
DWR ID	DWR_NA0017_16_s _ 2012_190				
Action/Comments					
Pole					

No Photos

LM Start	23.90	Rating **	M	Issue No.	188
LM End	23.90	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.966926 °	37.966926 °
				-121.358367 °	-121.358367 °
DWR ID	DWR_NA0017_16_s _ 2012_188				
Action/Comments					
Pole					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	23.91	Rating **	M	Issue No.	187
LM End	23.91	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.966937 °	37.966937 °
				-121.358338 °	-121.358338 °
DWR ID	DWR_NA0017_16_s _ 2012_187				
Action/Comments					
Pole					

No Photos

LM Start	23.92	Rating **	M	Issue No.	186
LM End	23.92	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.966946 °	37.966946 °
				-121.358722 °	-121.358722 °
DWR ID	DWR_NA0017_16_s _ 2012_186				
Action/Comments					
Pole					

No Photos

LM Start	23.95	Rating **	M	Issue No.	185
LM End	23.95	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.966596 °	37.966596 °
				-121.359446 °	-121.359446 °
DWR ID	DWR_NA0017_16_s _ 2012_185				
Action/Comments					
Pole					

No Photos

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CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	05/01/2014 05/07/2014	Pavel Kazi

LM Start	24.00	Rating **	M	Issue No.	184
LM End	24.00	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.966169 °	37.966169 °
				-121.360073 °	-121.360073 °
DWR ID	DWR_NA0017_16_s _ 2012_184				
Action/Comments					
Pole					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
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A/W : Acceptable but Monitor & Maintain

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 17 Potter Creek			Right	0.86
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/07/2014 - 05/07/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Eric Ambriz SJCF&WCD			
	Jay Jauregui SJCF&WCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	05/07/2014 05/07/2014	Pavel Kazi

LM Start	0.13	Rating **	M	Issue No.	2
LM End	0.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.957934 °	37.957934 °
				-121.149911 °	-121.149911 °
DWR ID	DWR_NA0017_17_s_2012_2				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_631.jpg



View of a prunings pile along the waterward bank looking downstream.

LM Start	0.17	Rating **	M	Issue No.	3
LM End	0.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.958590 °	37.958590 °
				-121.151408 °	-121.151408 °
DWR ID	DWR_NA0017_17_s_2012_3				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_632.jpg



View of a prunings pile along the waterward bank looking downstream.

LM Start	0.19	Rating **	M	Issue No.	10
LM End	0.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.958702 °	37.958702 °
				-121.151544 °	-121.151544 °
DWR ID	DWR_NA0017_17_s_2012_10				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : pkazi_s_20140415_636.jpg



Slope instability was found on the waterside of the levee looking upstream.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	05/07/2014 05/07/2014	Pavel Kazi

LM Start	0.22	Rating **	M	Issue No.	4
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.958943 °	37.958943 °
				-121.152261 °	-121.152261 °
DWR ID	DWR_NA0017_17_s_2012_4				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_633.jpg



View of a prunings pile along the waterward bank looking downstream.

LM Start	0.25	Rating **	C	Issue No.	1
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.958966 °	37.958966 °
				-121.152641 °	-121.152641 °
DWR ID	DWR_NA0017_17_f_2013_1				
Action/Comments					
Debris					

No Photos

LM Start	0.25	Rating **	M	Issue No.	5
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.958966 °	37.958966 °
				-121.152641 °	-121.152641 °
DWR ID	DWR_NA0017_17_s_2012_5				
Action/Comments					
Prunings					

Photo 1 of 1 : pkazi_s_20140415_634.jpg



Prunings were found on the waterside of the levee looking upstream.

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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	05/07/2014 05/07/2014	Pavel Kazi

LM Start	0.28	Rating **	C	Issue No.	7
LM End	0.28	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.959013 °	37.959013 °
				-121.153089 °	-121.153089 °
DWR ID	DWR_NA0017_17_s _ 2012_7				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.36	Rating **	M	Issue No.	6
LM End	0.36	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.958883 °	37.958883 °
				-121.154581 °	-121.154581 °
DWR ID	DWR_NA0017_17_s _ 2014_6				
Action/Comments					
Debris					

Photo 1 of 1 : pkazi_s_20140512_966.jpg



Debris was found on the waterside shoulder of the levee looking downstream.

* Location
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WS : Water Side
CR : Crown

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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

San Joaquin County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 18 Potter Creek			Left	0.89
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/07/2014 - 05/07/2014			
DWR Inspector	Pavel Kazi			
Accompanied By	Eric Ambriz SJCF&WCD			
	Jay Jauregui SJCF&WCD			

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.89	05/07/2014 05/07/2014	Pavel Kazi

LM Start	0.08	Rating **	M	Issue No.	1
LM End	0.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.957534 °	37.958657 °
				-121.149739 °	-121.153146 °
DWR ID	DWR_NA0017_18_s_2012_1				
Action/Comments					
Fence					

Photo 1 of 1 : pkazi_s_20140415_637.jpg



Fences along the landside toe of the levee. The picture was taken from the crown looking upstream.

LM Start	0.62	Rating **	A	Issue No.	3
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.959361 °	37.959361 °
				-121.159000 °	-121.159000 °
DWR ID	DWR_NA0017_18_s_2014_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : pkazi_s_20140512_965.jpg



View of the waterside slope of the levee looking upstream.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
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M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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